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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

EMPLOYMENT STATISTICS BRANCH

**CHART BOOK
OF
EMPLOYMENT AND PAYROLLS IN CANADIAN INDUSTRIES**

Employment: 1939 - March 1, 1948

Payrolls: 1941 - March 1, 1948



OTTAWA
August 1948

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~~Canada, Statistics, Dom. Bur. of. Employment & Payroll Statistics Branch~~

(DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
EMPLOYMENT AND PAYROLL STATISTICS BRANCH
OTTAWA - CANADA)

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CHART BOOK
— OF

EMPLOYMENT AND PAYROLLS IN CERTAIN INDUSTRIES.

FOREWORD.

The present Chart Book of Employment and Payrolls in certain industries is the second publication of the kind put out by the Dominion Bureau of Statistics, continuing a series of graphs established during the war by the Wartime Prices and Trade Board, and later prepared by the Department of Reconstruction and Supply.

The charts depict the course of employment as reported by the larger industrial establishments in the period from 1939 to March 1, 1948, while in the case of the payrolls, the figures relate to the period from June 1, 1941, when the monthly record of salaries and wages was instituted. The index numbers based on June 1, 1941, have been charted in their original form, and in the form of 12 months' moving averages centered; since each item in the latter series is the average of an entire year, the seasonal fluctuations are largely eliminated, with the result that the trends over a period of years are more readily discerned.

The graphs plotted in the charts in the following pages represent the trends of employment and payrolls in establishments usually employing 15 persons and over. For practical reasons associated with the costs of collection and processing, in terms of money and of time, the smaller businesses are excluded from the monthly surveys. This limitation of their scope results in an unequal coverage of the total employment in the various industries for which data are available, depending upon whether they are usually organized in large or small units of production or operation. However, comparatively high proportions of the total wage-earners employed in the various industrial divisions are represented in all cases. Thus the charts for the individual industries may be regarded as accurately depicting the fluctuations in employment and other payroll data portrayed.

Except in the predominantly agricultural provinces of Prince Edward Island and Saskatchewan, the provincial coverage of total employment is relatively high, and also shows a considerable degree of uniformity. At the date of the last Decennial Census, (June 1, 1941), the monthly survey's percentages of coverage of the total wage-earners and salaried employees in all agricultural and non-agricultural industries varied from 52 p.c. in New Brunswick to 64½ p.c. in Ontario, while the Dominion proportion was 59 p.c.; the proportions in Prince Edward Island and Saskatchewan were relatively low, at 19 p.c. and 31 p.c., respectively. In the categories included in the monthly surveys, the range in the more industrialized provinces was also from seven points below in the case of New Brunswick to 5½ points above in Manitoba. In this comparison also, the figures in Prince Edward Island and Saskatchewan were below-average, at 40 p.c.

and 64 p.c., respectively. The general coverage in Canada at the Census date was over 79 p.c., a proportion which since has increased. While these provincial variations are not particularly marked, they warrant consideration in a study of the regional trends. It should also be remembered that certain of the industries excluded from the monthly surveys, notably agriculture, domestic service, etc., did not share in the wartime expansion of employment which had particularly affected manufacturing and a few other divisions, in which the establishments furnishing monthly statistics employ exceedingly large proportions of the total working force.

Attention is also drawn to the fact that since the termination of the war, the situation in many industries has been seriously affected from time to time by industrial disputes*. In some cases, these strikes indirectly affected the levels of employment and payrolls in numerous other industries. During 1946, the labour-management disputes in manufacturing were of considerable magnitude. In 1947, the strike in coal mining in Nova Scotia accounted for the greatest loss in man-days of work.

In certain charts, curves are shown for industries which employ comparatively small numbers of persons, so that minor changes will sometimes appear of greater significance than their size warrants. In connection with this point, attention is drawn to the statistics of numbers of employees reported by the co-operating establishments, as shown on Pages III to VI. These tables indicate the industrial and geographical distribution of the employees reported by the firms furnishing statistics at Mar. 1, 1948, together with the index numbers of employment as compared with the same date of earlier years:

- (1) 1939, taken as representative of the levels existing before wartime influences had any marked effect upon the situation.
- (2) 1944, when recorded employment was at its wartime peak for the late winter.
- (3) 1946, when industrial employment was at its post-war low point, and
- (4) 1948, when the period of reconversion had been virtually completed.

The charts in this volume have been adapted and many of them redrawn and remounted by Mr. J.W. Delisle, Chief Draughtsman of the Bureau.

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* See "Strikes and Lockouts in Canada During 1947", issued as a supplement to the Labour Gazette for April, 1948.

A COMPARISON OF EMPLOYMENT AS REPORTED BY LEADING FIRMS REGIONALLY,
AND IN SPECIFIED INDUSTRIES, AT MARCH 1, 1948,

with:

1. Mar. 1, 1939, as representative of pre-war levels in the late winter.
2. Mar. 1, 1944, when employment was at the wartime peak for the late winter.
3. Mar. 1, 1946, when the post-war reconstruction was in progress.
4. Mar. 1, 1947, when the period of reconversion was largely completed.

Number of Employees Reported by Co-operating Firms at Mar. 1, 1948 (000's)	Index Numbers of Employment at Mar. 1, 1948, Compared with Mar. 1 in				See Chart Number
	1939	1944	1946*	1947	
	P.C.	P.C.	P.C.	P.C.	

(Decrease indicated by minus sign)

SECTION 1 - EIGHT MAJOR INDUSTRIES

A. TOTAL BY AREAS

1. <u>Canada</u>	1,954.4	+ 77.5	+ 4.1	+ 13.2	+ 4.7	1
2. <u>Economic Areas</u>						
Ontario	837.2	+ 83.4	+ 8.8	+ 14.9	+ 5.6	2
Quebec	584.3	+ 71.4	- 1.9	+ 12.6	+ 2.6	2
British Columbia	180.0	+ 94.4	+ 0.9	+ 20.0	+ 4.0	3
Prairies	219.5	+ 68.0	+ 11.4	+ 9.1	+ 2.0	3
Maritimes	133.5	+ 69.0	- 2.3	+ 4.2	+14.8	3
3. <u>Principal Cities</u>						
Montreal	284.0	+ 76.5	- 5.9	+ 11.1	+ 2.4	4
Quebec	29.1	+ 62.4	- 29.4	+ 20.0	+15.1	4
Toronto	264.5	+ 86.4	- 0.9	+ 12.3	+ 4.8	5
Hamilton	63.1	+ 93.9	+ 5.6	+ 11.9	+ 6.3	5
Windsor	38.0	+ 92.7	- 9.8	+ 18.1	+ 7.3	5
Ottawa	24.3	+ 72.1	+ 12.7	+ 8.5	+ 3.1	6
Winnipeg	64.6	+ 72.5	+ 7.2	+ 8.1	+ 0.6	6
Vancouver	84.6	+111.9	- 10.4	+ 16.9	+ 5.0	6

B. INDIVIDUAL MAJOR INDUSTRIES

Mining	77.5	+ 2.5	+ 3.6	+ 8.0	+21.4	7
Construction	168.0	+ 37.3	+ 51.9	+ 27.3	+ 4.2	7
Manufacturing**	1,061.6	+ 89.3	- 10.5	+ 11.0	+ 4.1	7
Communication	45.5	+108.1	+ 60.2	+ 30.9	+ 7.3	8
Transportation	171.7	+ 66.1	+ 16.2	+ 9.4	+ 2.2	8
Services***	64.3	+ 82.8	+ 19.4	+ 11.9	+ 4.8	8
Logging	112.8	+241.5	+ 37.4	+ 9.7	- 1.7	9
Trade	253.0	+ 64.5	+ 35.5	+ 17.9	+ 7.4	9
Average Weekly Earnings - Eight Leading Industries						10

* Employment during 1946 was affected by major strikes in several branches of manufacturing.

** Including electric light and power.

*** Consisting mainly of hotels and restaurants and laundries and dry-cleaning plants.



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Number of Employees Reported by Co-operating Firms at Mar. 1, 1948 (000's)	Index Numbers of Employment at Mar. 1, 1948 Compared with Mar. 1 in				See Chart Number
	1939	1944	1946	1947	
	P.C.	P.C.	P.C.	P.C.	

(Decrease indicated by minus sign)

SECTION II - MANUFACTURING INDUSTRIES

A. TOTAL MANUFACTURING	1,033.8	+ 89.9	- 11.9	+ 10.7	+ 3.9	11
1. Total Non-Durable Goods	537.6	+ 63.4	+ 5.7	+ 8.4	+ 2.8	11
2. Total Durable Goods	496.2	+129.9	- 24.4	+ 13.3	+ 5.0	11
B. MAJOR GROUPS						
1. <u>Non-Durable Goods</u>						
Processed Food	99.4	+ 69.6	+ 7.7	+ 5.5	+ 0.8	12
Beverages & Tobacco	30.1	+ 33.6	+ 18.4	+ 12.6	+ 4.0	12
Textiles	161.7	+ 53.5	+ 15.1	+ 10.6	+ 5.3	12
Leather & Its Products	32.3	+ 38.9	+ 10.8	+ 2.0	- 3.5	12
Pulp & Paper Products	111.9	+ 51.7	+ 34.2	+ 16.2	+ 6.5	13
Non-Metallic Minerals	14.9	+ 42.8	- 1.9	- 2.8	- 0.8	13
Chemicals	42.2	+117.3	- 44.8	+ 4.1	+ 2.2	13
2. <u>Durable Goods</u>						
Lumber & Its Products	77.6	+ 98.5	+ 24.5	+ 21.1	+ 6.6	14
Clay, Glass & Stone Products	20.8	+151.5	+ 31.4	+ 16.4	+ 0.7	14
Electrical Apparatus Products	52.2	+186.4	+ 7.6	+ 24.2	+ 5.7	14
Non-Ferrous Metal Products	49.4	+128.3	- 25.0	+ 20.9	+ 7.5	15
Iron & Its Products	295.3	+132.2	- 36.1	+ 8.2	+ 4.4	15
C. MINOR GROUPS						
1. <u>Non-Durable Goods</u>						
Edible Animal Products:						
Dairy Products	15.5	+ 61.7	+ 3.1	+ 2.1	+ 0.6	16
Meat Products	20.4	+ 77.4	- 3.3	- 3.8	+ 2.6	16
Fish Processing & Canning	6.1	+125.0	+ 22.0	+ 7.9	+11.9	16
Edible Plant Products:						
Bread & Bakery Products	21.5	+ 48.3	+ 10.7	+ 10.1	+ 3.7	17
Flour	8.4	+ 68.9	+ 11.5	+ 0.1	-11.1	17
Fruit & Veg. Preserving	8.7	+123.1	+ 3.5	+ 1.0	-12.7	17
Confectionery:						
Sugar & Syrup	3.0	+ 87.1	+ 26.5	+ 40.9	+22.5	18
Aerated Water	3.8	+ 52.0	+ 19.9	+ 45.4	+28.7	18
Chocolate & Confectionery	8.0	+ 43.2	+ 15.0	+ 27.5	+ 9.3	18

	Number of Employees Reported by Co-operating Firms at Mar. 1, 1948 (000's)	Index Numbers of Employment at Mar. 1, 1948, Compared with Mar. 1 in				See Chart Number
		1939	1944	1946	1947	
		P.C.	P.C.	P.C.	P.C.	
		(Decrease indicated by minus sign)				
<u>Non-Durable Goods (cont'd)</u>						
Beverages & Tobacco:						
Tobacco	11.9	- 12.3	- 5.2	+ 4.9	- 4.1	19
Brewing	9.3	+ 90.6	+ 45.3	+ 17.2	+ 6.2	19
Distilling	4.6	+122.8	+ 48.6	+ 8.6	+ 7.6	19
Textile Products:						
Hosiery & Knit Goods	27.4	+ 46.6	+ 20.7	+ 12.3	+ 9.4	20
Cotton Yarn & Cloth	22.7	+ 23.9	+ 2.1	+ 5.8	+ 3.8	20
Wollen Yarn & Cloth	15.9	+ 86.8	+ 25.0	+ 15.3	+ 6.2	20
Silk, Artificial Silk	16.1	+ 72.4	+ 47.2	+ 19.6	+ 9.5	21
Garments & Furnishing	56.9	+ 57.3	+ 13.7	+ 12.2	+ 4.6	21
Leather Products:						
Tanning	5.3	+ 37.8	+ 14.2	+ 0.6	- 4.9	22
Footwear	19.9	+ 25.0	+ 13.1	+ 3.0	- 1.6	22
Gloves & Mitts	2.1	+ 74.6	- 20.8	- 20.3	- 20.4	22
Other Leather Goods	4.3	+110.5	+ 11.3	+ 5.6	- 3.2	22
Fur & Rubber:						
Fur	4.0	+ 79.9	+ 28.6	+ 3.2	+ 7.0	23
Rubber	24.3	+ 85.6	+ 25.2	+ 3.3	- 1.9	23
Pulp & Paper Products:						
Printing & Publishing	41.8	+ 51.1	+ 35.2	+ 15.2	+ 6.8	24
Pulp & Paper	48.1	+ 76.1	+ 35.4	+ 17.8	+ 6.6	24
Paper Products	22.0	+101.9	+ 26.8	+ 11.7	+ 3.1	24
Non-Metallic Minerals:						
Coal Products	3.1	+ 10.5	+ 0.6	- 5.0	- 5.9	25
Petroleum	9.1	+ 55.9	+ 10.7	+ 4.2	+ 2.8	25
Chemicals:						
Drugs	8.8	+111.7	+ 14.0	+ 1.8	+ 1.2	26
Soap	3.5	+ 49.7	+ 22.2	- 1.8	+ 3.7	26
Fertilizer	3.2	+149.9	+ 26.8	+ 15.8	- 0.1	26
Paints & Varnishes	5.5	+ 64.1	+ 36.6	+ 18.3	+ 5.1	27
Acids, Alkalies & Salts	5.1	+104.9	- 18.1	+ 1.1	+ 1.4	27
Compressed Gases	1.8	+170.5	+ 6.2	+ 18.2	+ 18.5	27
Explosives	4.0	- 78.9	- 85.9	- 5.4	+ 21.1	28

Number of Employees Reported by Co-operating Firms at Mar. 1, 1948 (000's)	Index Numbers of Employment at Mar. 1, 1948 Compared with Mar. 1 in				See Chart Number
	1939	1944	1946	1947	
	P.C.	P.C.	P.C.	P.C.	

(Decrease indicated by minus sign)

Durable Goods

Lumber & Its Products:

Furniture	16.2	+ 96.3	+ 42.1	+ 19.7	+ 4.8	30
Rough & Dressed Lumber	45.0	+105.1	+ 41.4	+ 30.5	+ 10.5	30
Wooden Containers	9.0	+132.0	+ 8.0	+ 15.2	+ 3.3	30

Clay, Glass & Stone Products:

Clay	5.6	+171.4	+ 85.1	+ 28.4	+ 6.6	25
Stone	8.2	+123.1	+ 25.6	+ 22.0	- 1.2	25
Glass	7.0	+144.5	+ 11.9	+ 3.8	- 1.8	25

Primary Metals:

Primary Steel	38.8	+145.3	+ 12.4	+ 10.3	+ 7.9	31
Lead, Zinc & Copper	17.5	+122.3	- 38.8	+ 8.1	+ 9.3	31
Non-Ferrous Smelting & Refining	13.1	+ 36.9	- 7.5	+ 20.4	+ 7.7	32
Aluminum	12.9	+281.7	- 37.1	+ 49.6	+ 6.9	32

Iron & Its Products:

Machinery	29.5	+126.0	+ 14.9	+ 12.6	+ 0.7	33
Railway Cars & Parts	47.9	+ 94.3	+ 6.8	+ 7.0	+ 12.8	33
Railway Locomotives	9.7	+ 73.8	- 17.9	- 9.4	- 3.6	33
Foundries & Machine Shops	8.8	+163.0	- 8.0	+ 9.6	+ 1.8	34
Tools	7.3	+116.7	- 13.6	+ 5.0	+ 2.9	34
Iron & Steel Fabrication	12.0	+139.9	- 21.6	+ 29.4	+ 17.5	34
Farm Implements	18.3	+248.4	+ 60.5	+ 30.4	+ 22.7	35
Boilers, Tanks & Engines	7.6	+174.3	- 7.0	+ 6.9	+ 3.9	35
Wire Products	5.5	+ 49.8	+ 2.5	- 3.6	- 2.7	36
Heating Appliances	7.7	+ 91.5	+ 35.0	+ 17.3	+ 9.8	36
Sheet Metal Products	14.5	+137.0	+ 6.9	+ 5.2	+ 0.9	36
Small Hardware	6.6	+169.1	- 0.1	+ 5.2	- 0.3	36
Automobiles	44.6	+ 87.6	- 5.7	+ 40.5	+ 7.3	37
Aeroplanes	9.1	+135.0	- 90.3	- 21.5	- 24.6	38
Shipbuilding	21.2	+630.4	- 70.1	- 19.7	- 9.5	39
Firearms	1.1	n.a.	- 96.5	- 62.0	+ 2.3	40

CHART BOOK

OF

EMPLOYMENT AND PAYROLLS IN CANADIAN INDUSTRIES

ARRANGEMENT OF CHARTS

CHART NOS.

SECTION 1. EIGHT MAJOR INDUSTRIES

A. TOTAL BY AREAS

- | | |
|----------------------------|-------|
| 1. <u>Canada</u> | 1 |
| 2. <u>Economic Regions</u> | 2 & 3 |
| 3. <u>Principal Cities</u> | 4 - 6 |

B. INDIVIDUAL MAJOR INDUSTRIES	7 - 10
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SECTION 11. MANUFACTURING INDUSTRIES

A. TOTAL - NON-DURABLE & DURABLE GOODS	11
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B. MAJOR GROUPS

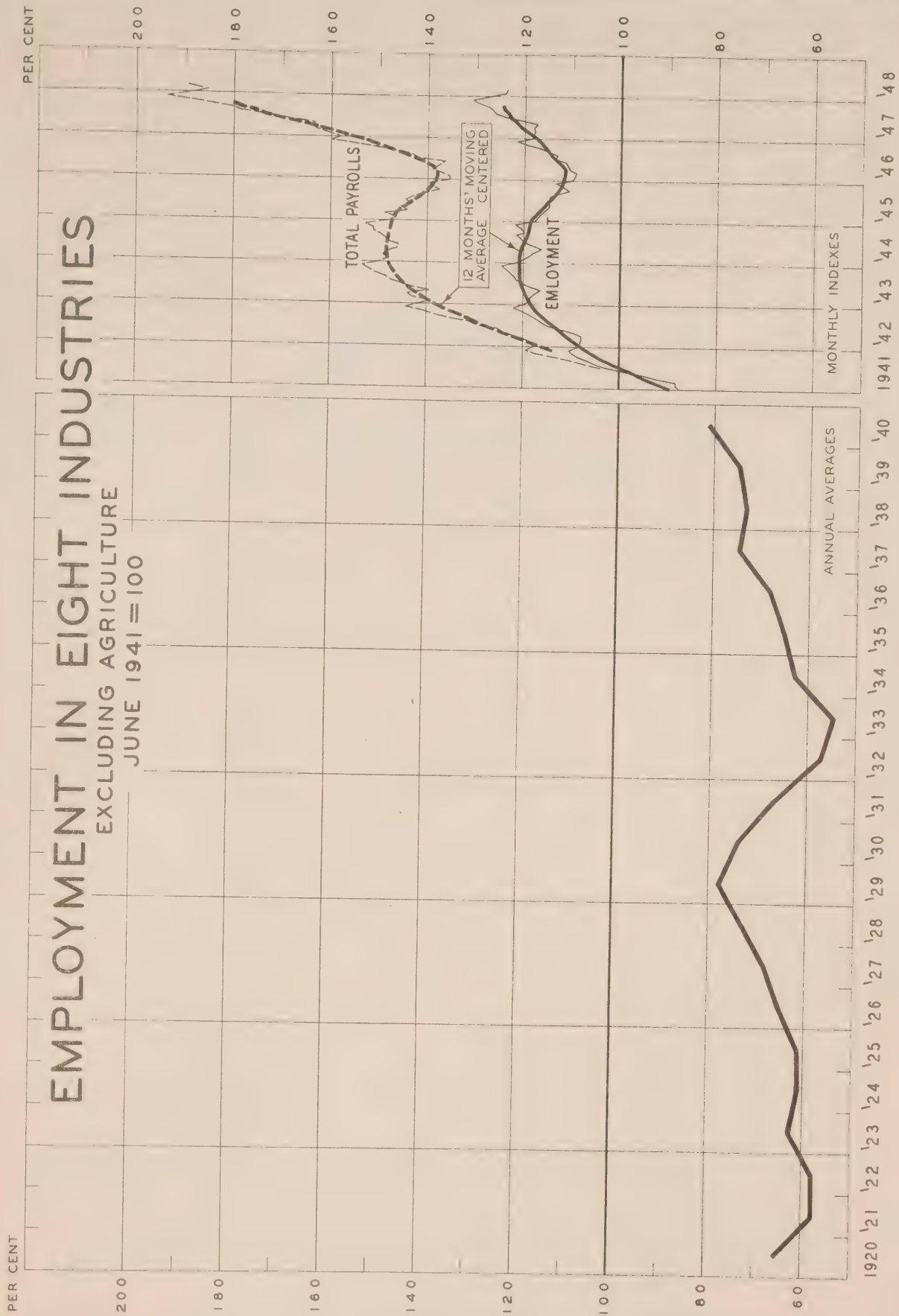
- | | |
|-----------------------------|---------|
| 1. <u>Non-Durable Goods</u> | 12 & 13 |
| 2. <u>Durable Goods</u> | 14 & 15 |

C. MINOR GROUPS

- | | |
|-----------------------------|--------------------------|
| 1. <u>Non-Durable Goods</u> | 16 - 24
25* - 28 |
| 2. <u>Durable Goods</u> | 30
31 - 36
37 - 40 |

* Also shown on the chart for certain non-durable goods industries are charts for clay, glass and stone products.

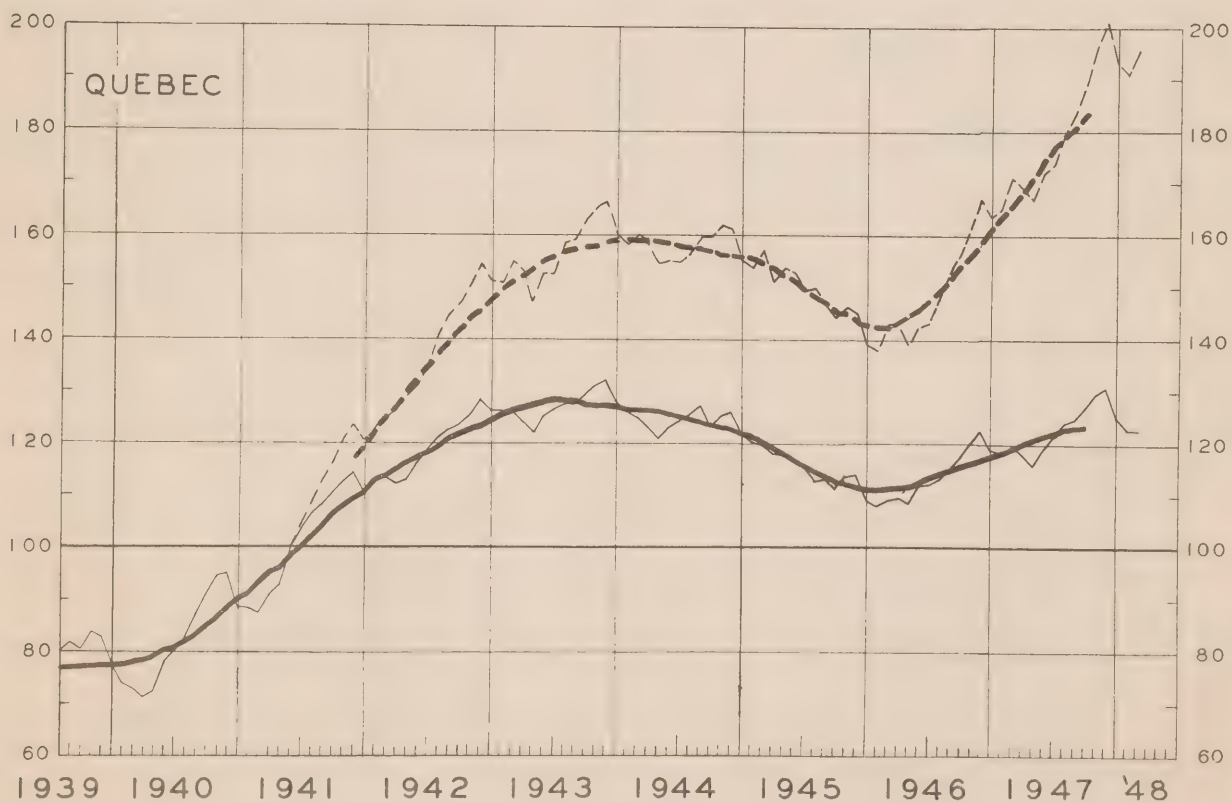
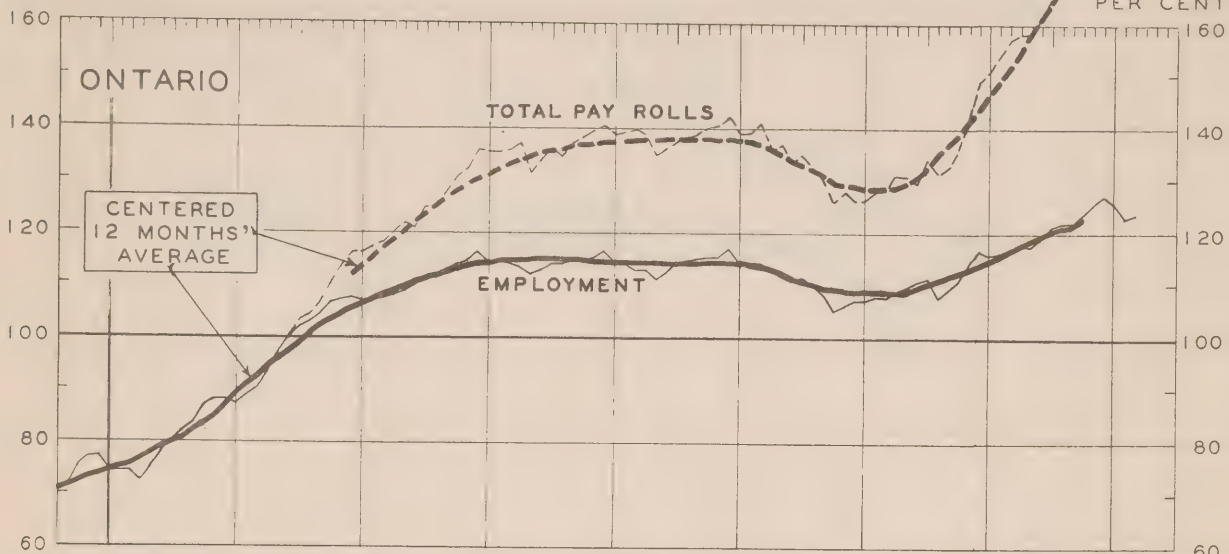
EMPLOYMENT IN EIGHT INDUSTRIES EXCLUDING AGRICULTURE JUNE 1941 = 100



EMPLOYMENT AND PAYROLLS IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE ONTARIO, QUEBEC

JUNE 1941 = 100

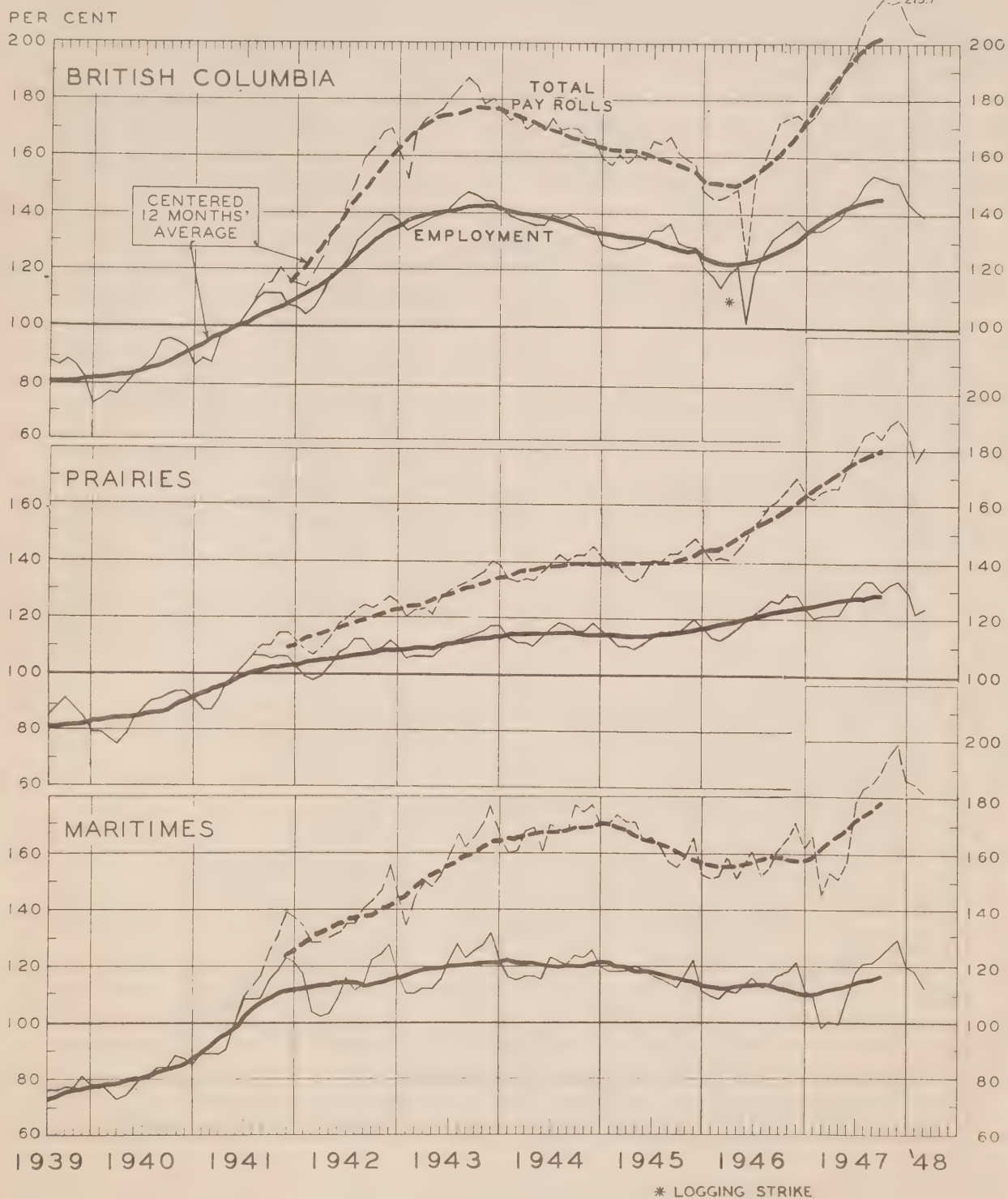
PER CENT





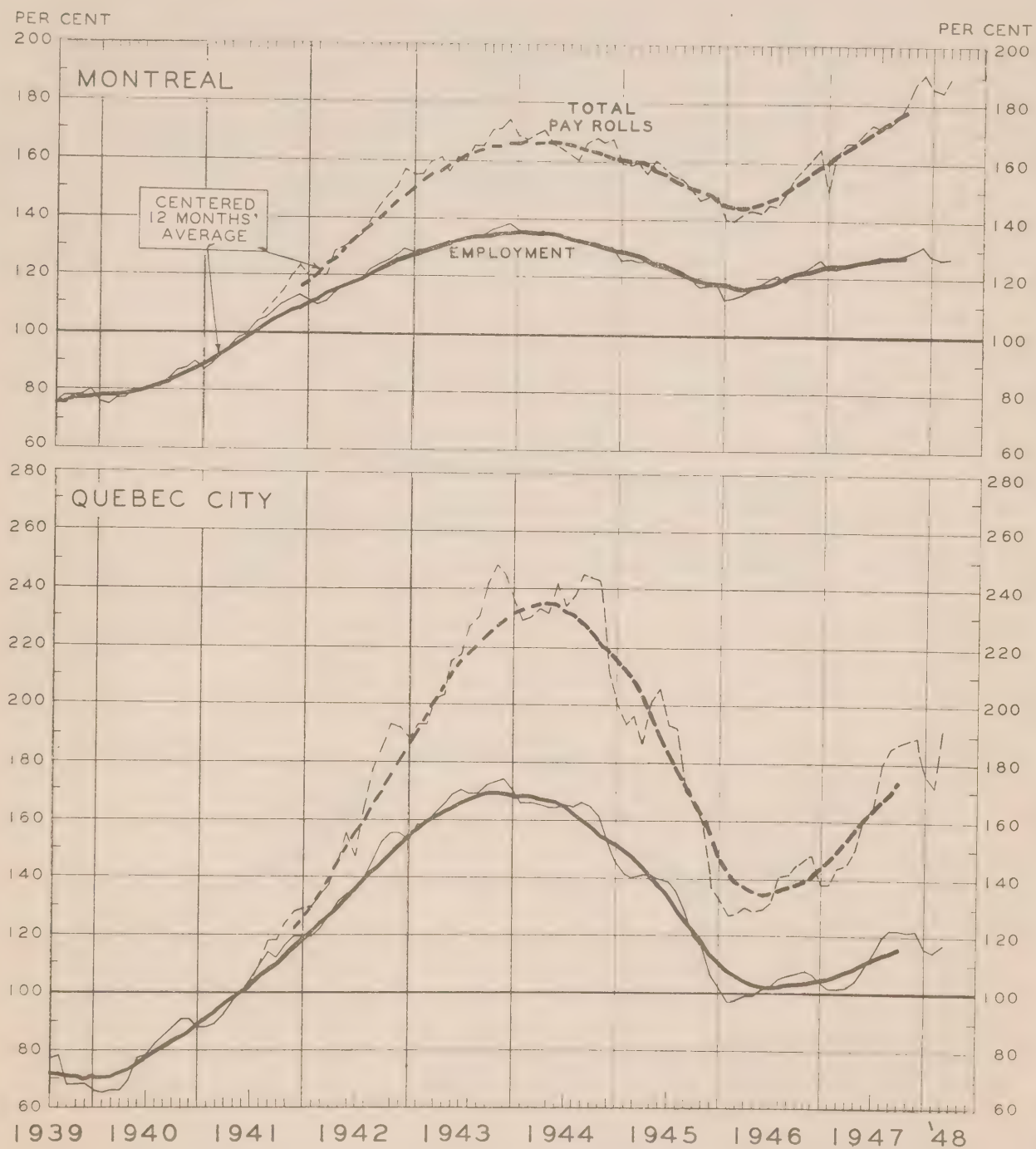
EMPLOYMENT AND PAYROLLS IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE BRITISH COLUMBIA, PRAIRIES, MARITIMES

JUNE 1941 = 100



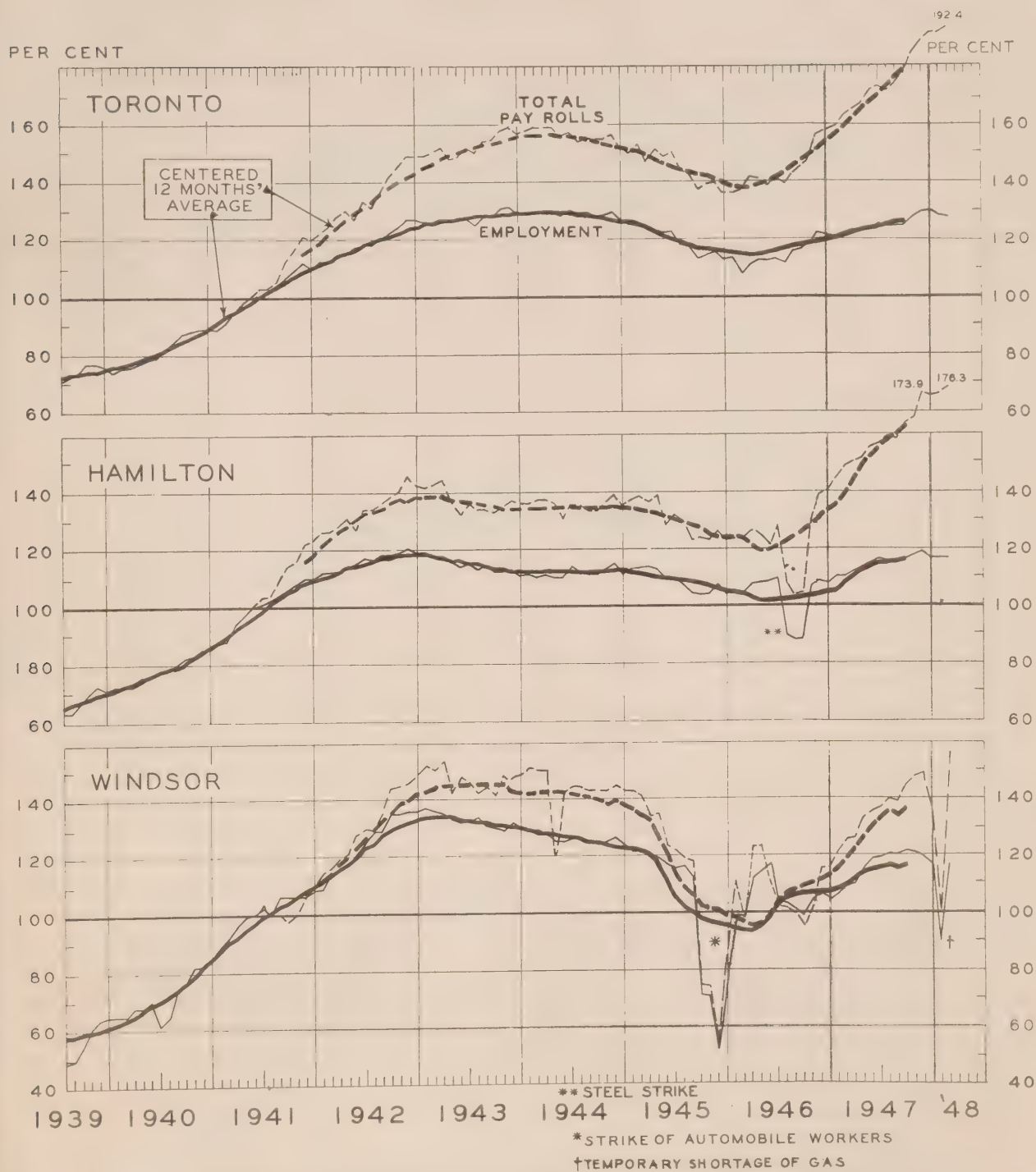
EMPLOYMENT AND PAYROLLS IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE MONTREAL, QUEBEC

JUNE 1941 = 100



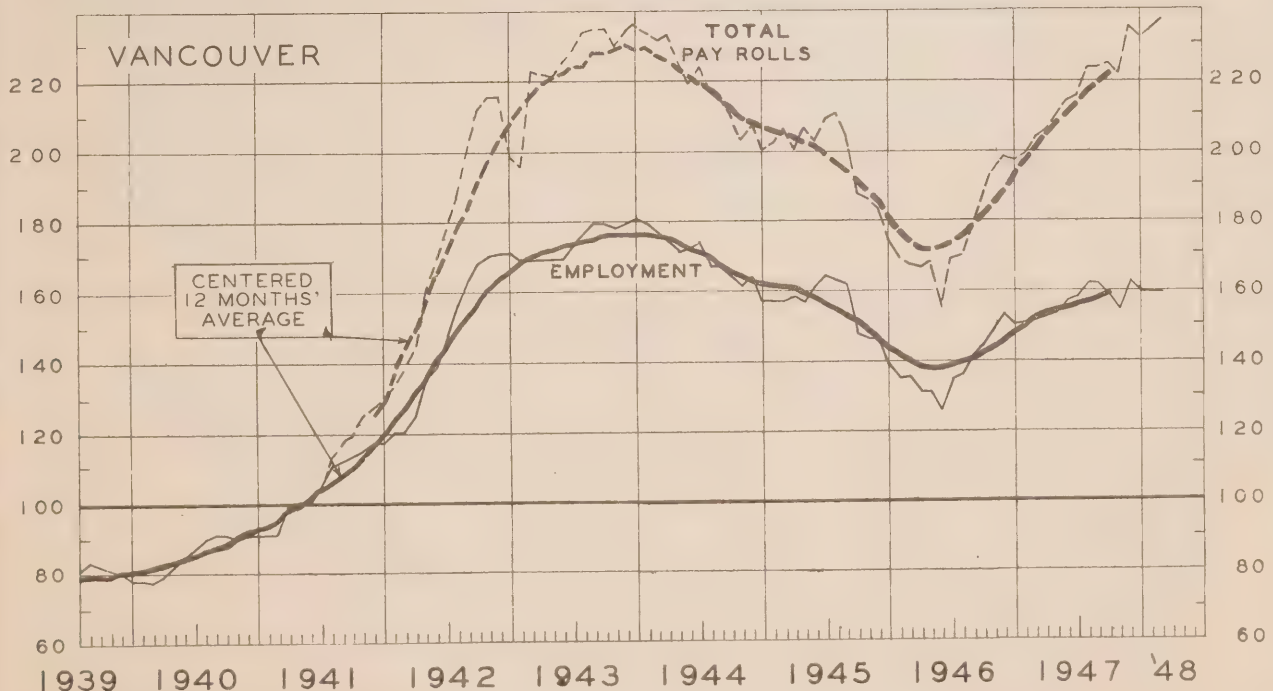
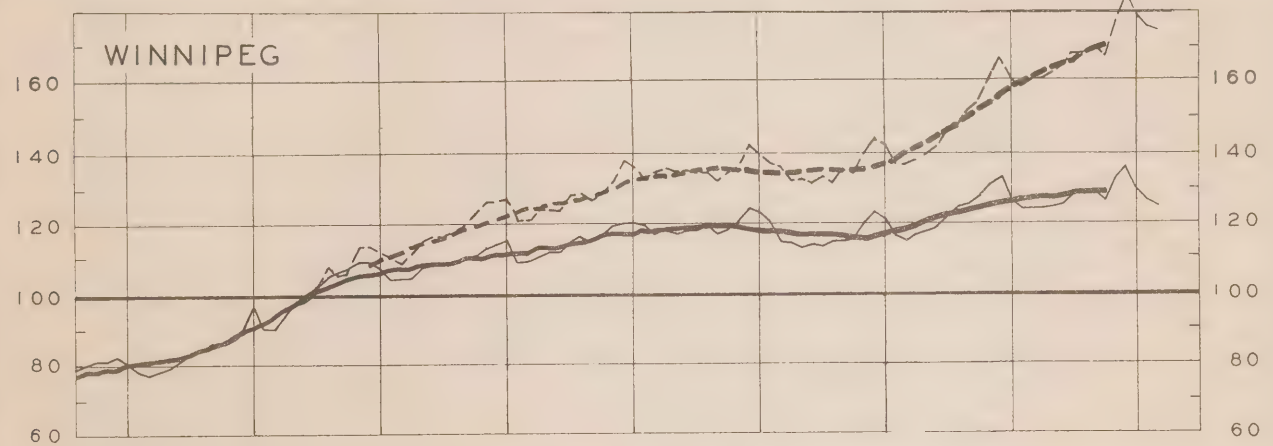
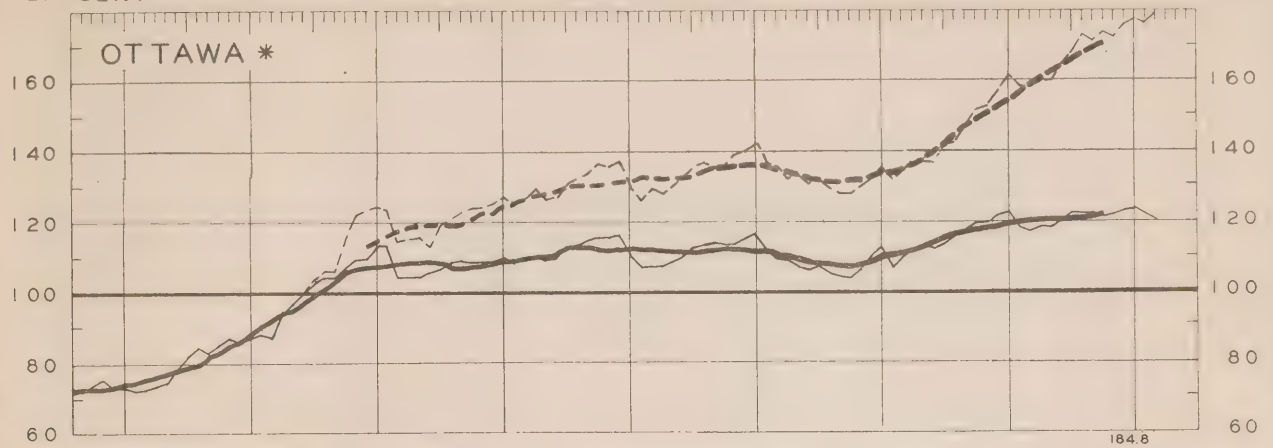
EMPLOYMENT AND PAYROLLS IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE TORONTO, HAMILTON, WINDSOR

JUNE 1941=100



EMPLOYMENT AND PAYROLLS IN EIGHT LEADING INDUSTRIES EXCLUDING AGRICULTURE OTTAWA, WINNIPEG, VANCOUVER

PER CENT JUNE 1941=100 PER CENT



* EXCLUDING CIVIL SERVICE

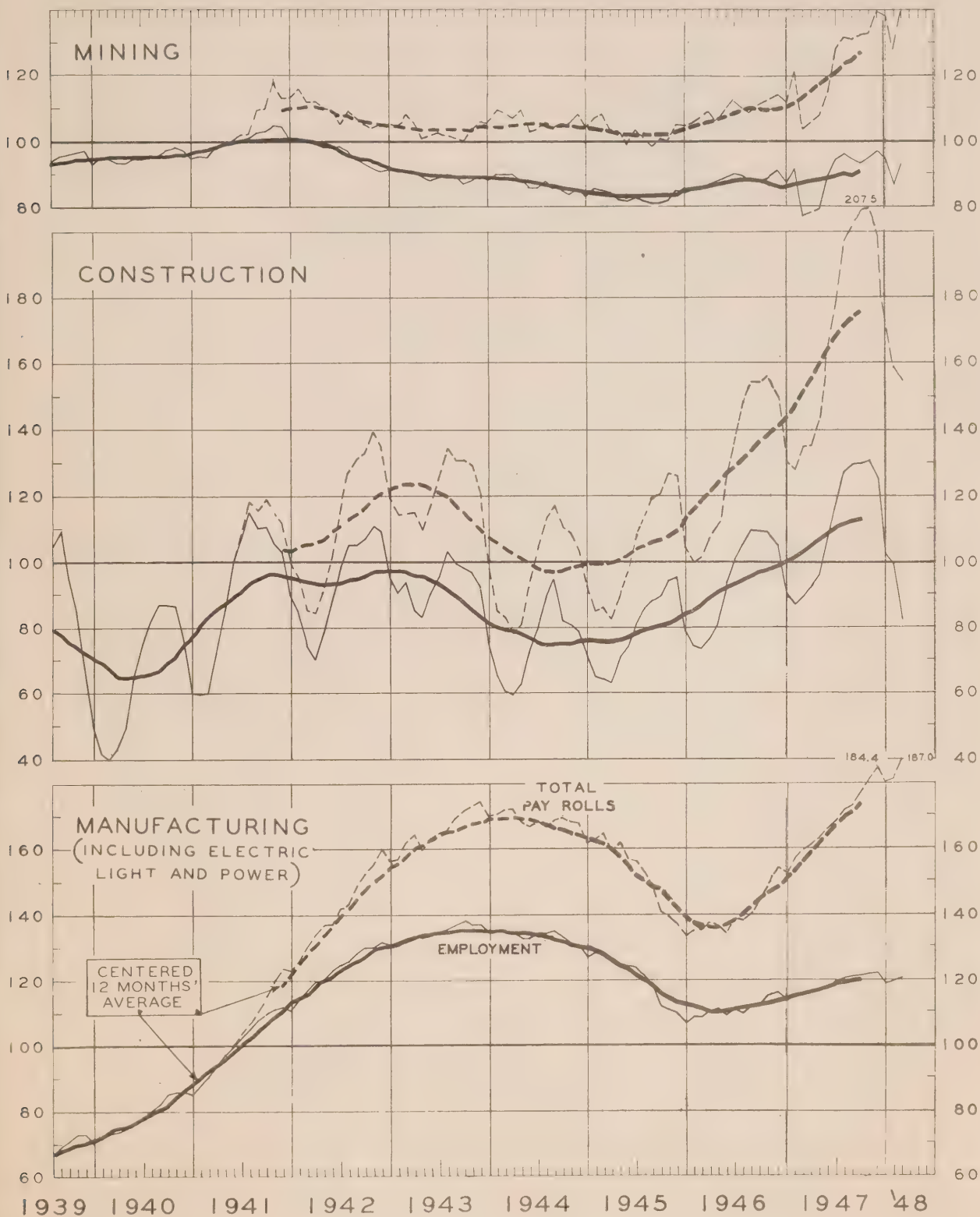
EMPLOYMENT AND PAYROLLS

MINING, CONSTRUCTION, MANUFACTURING

JUNE 1941=100

PER CENT

PER CENT



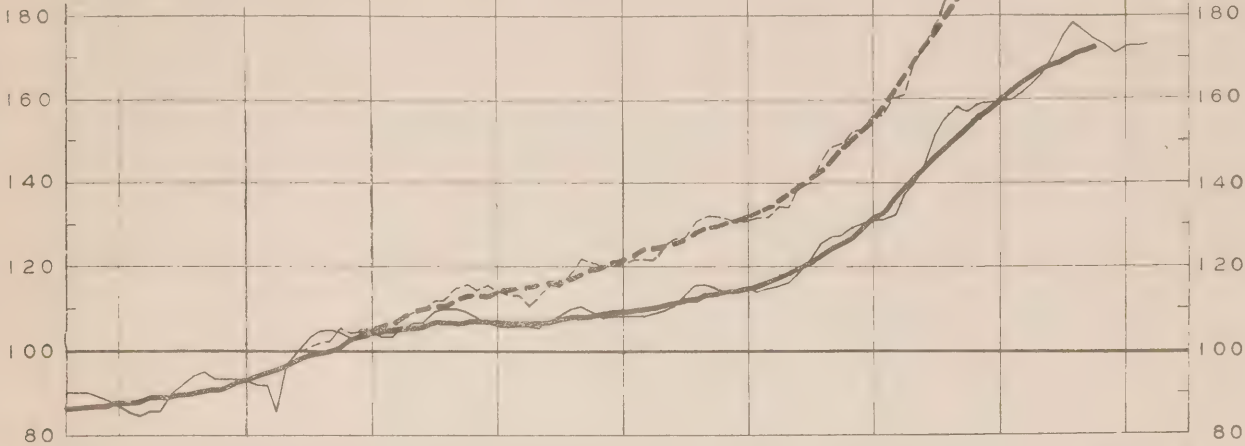
EMPLOYMENT AND PAYROLLS COMMUNICATION, TRANSPORTATION, SERVICES

PER CENT

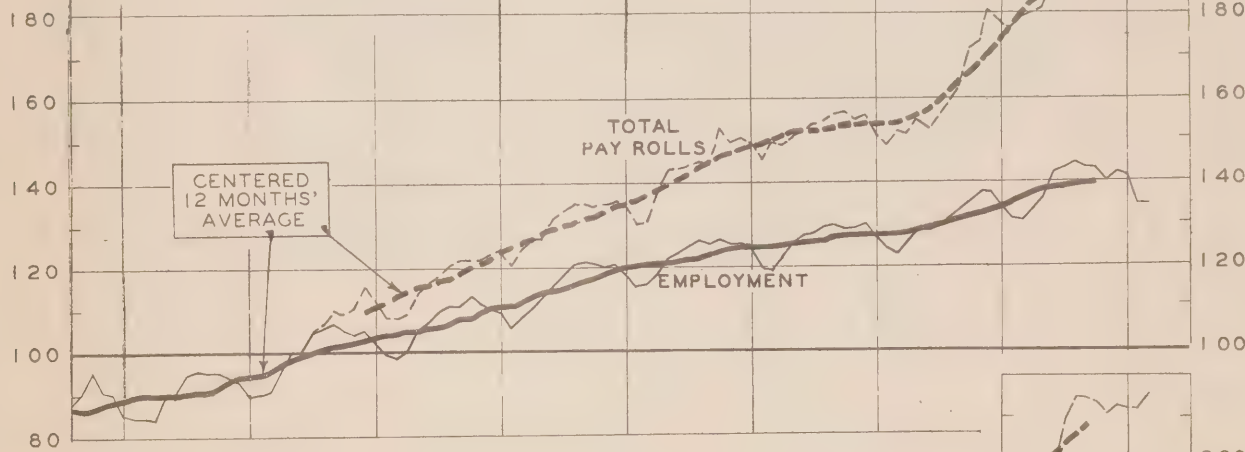
JUNE 1941 = 100

PER CENT

COMMUNICATION

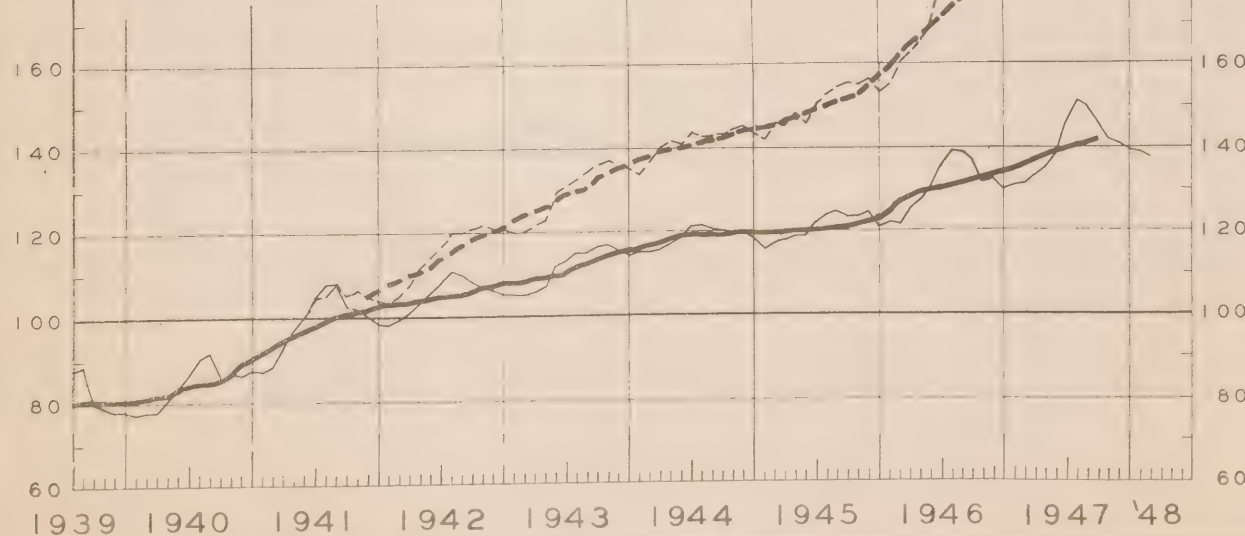


TRANSPORTATION



SERVICES

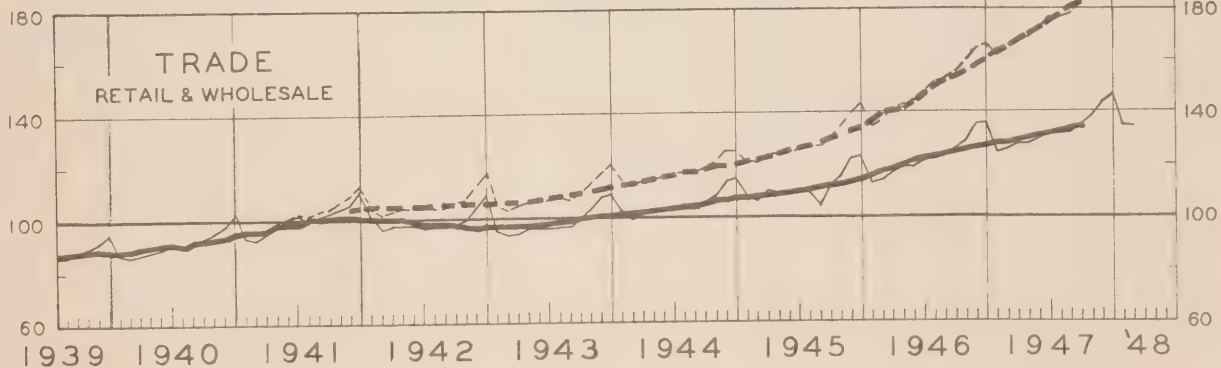
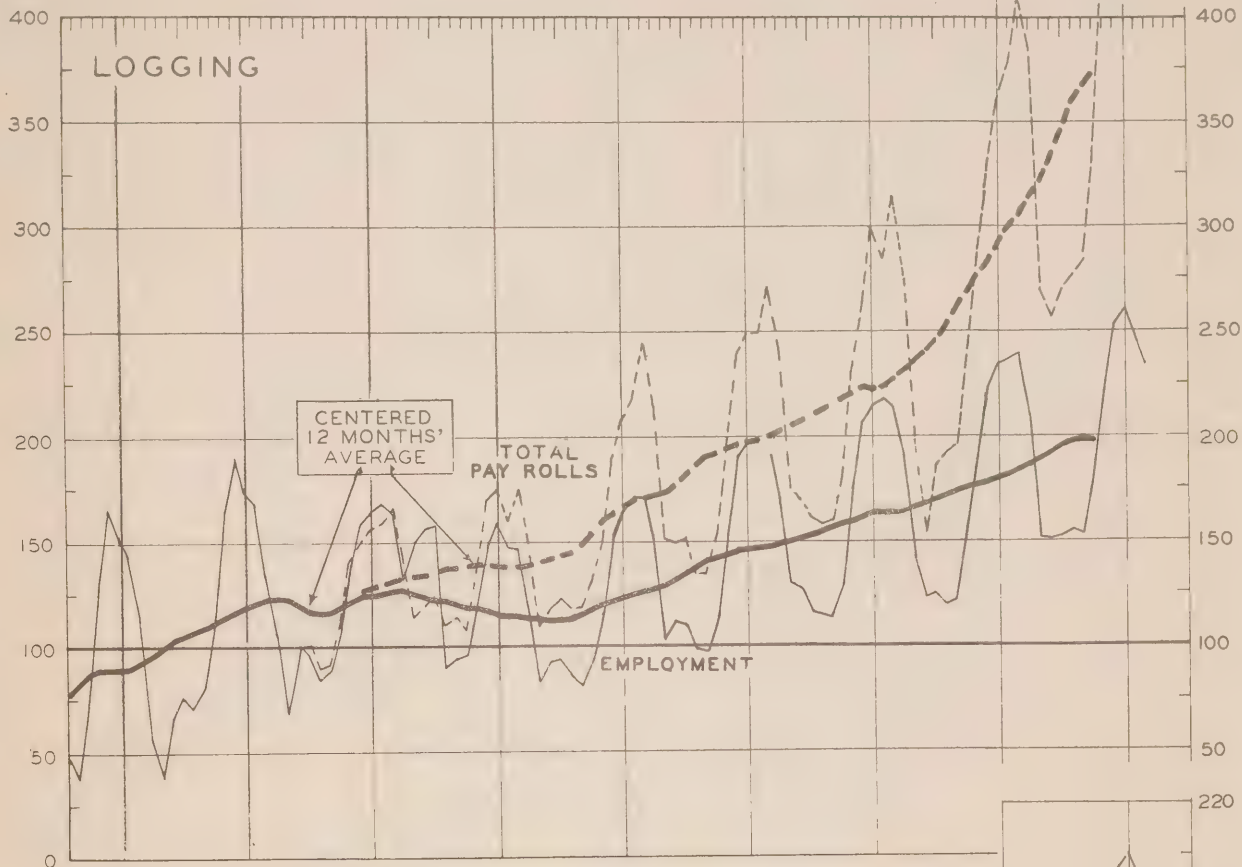
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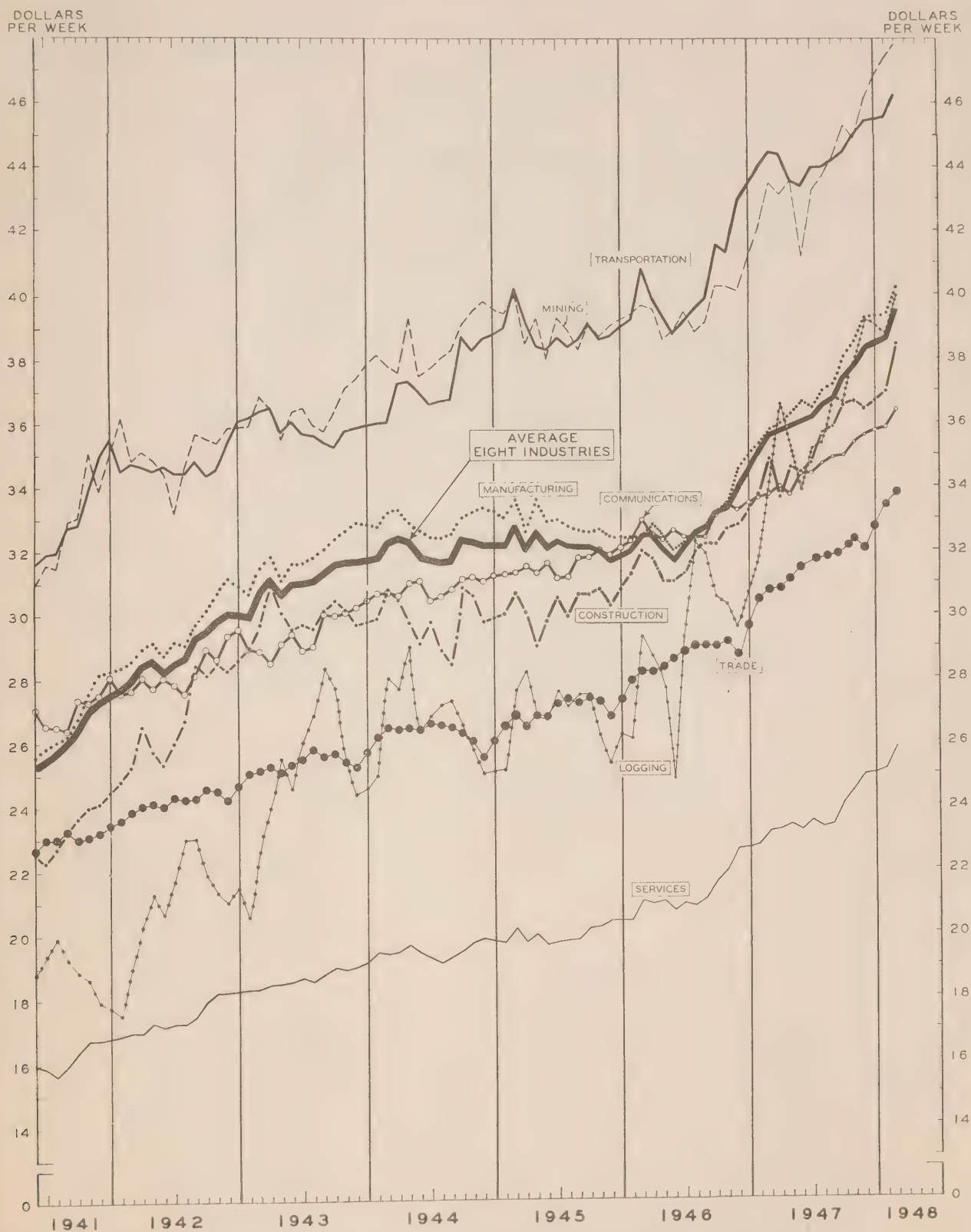


EMPLOYMENT AND PAYROLLS TRADE AND LOGGING

JUNE 1941=100

PER CENT



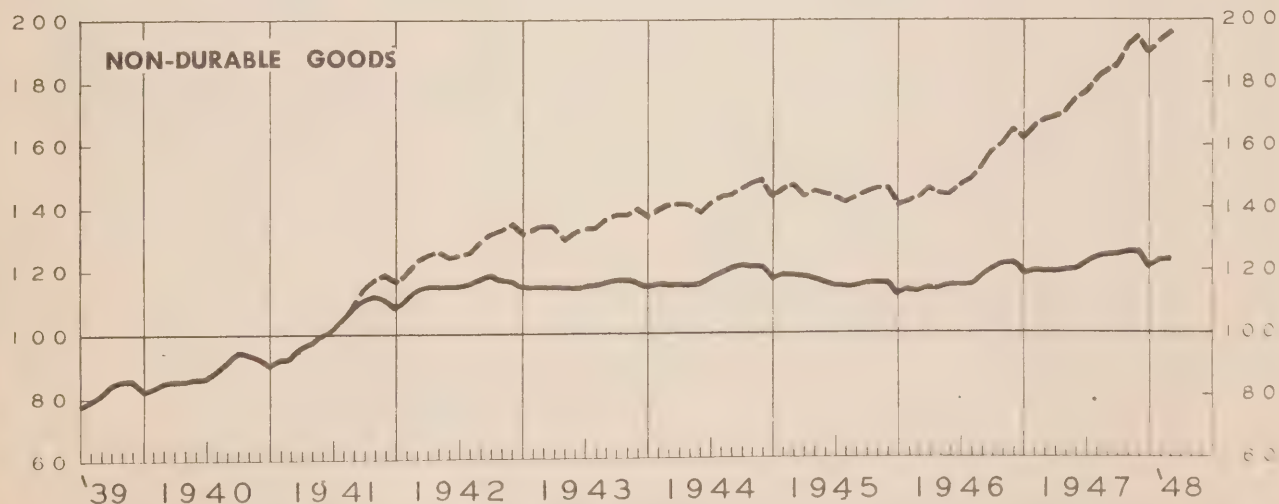
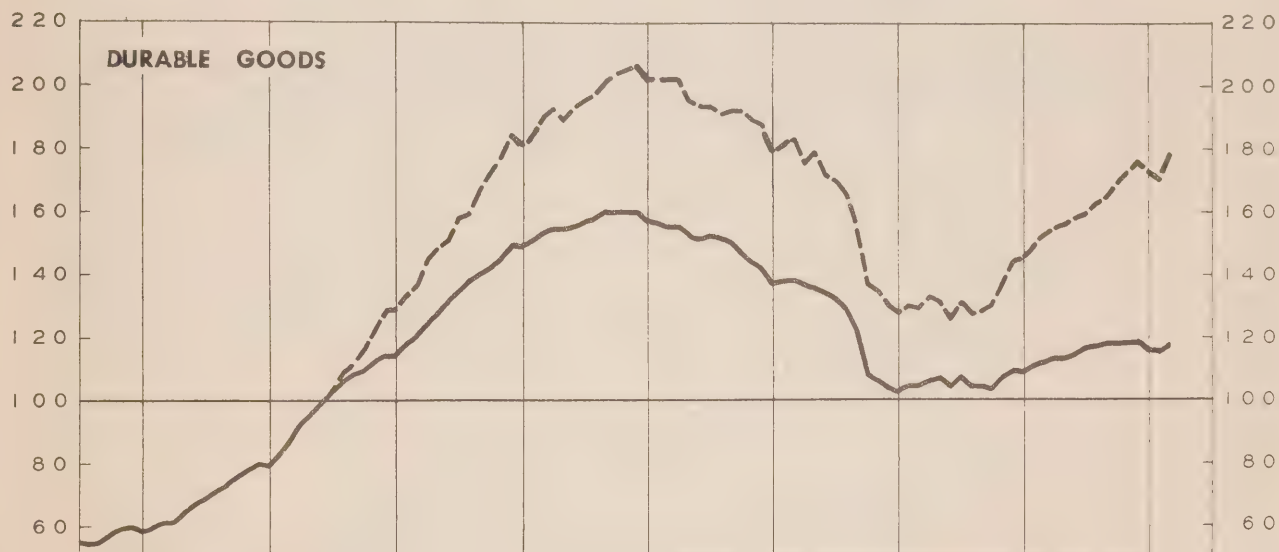
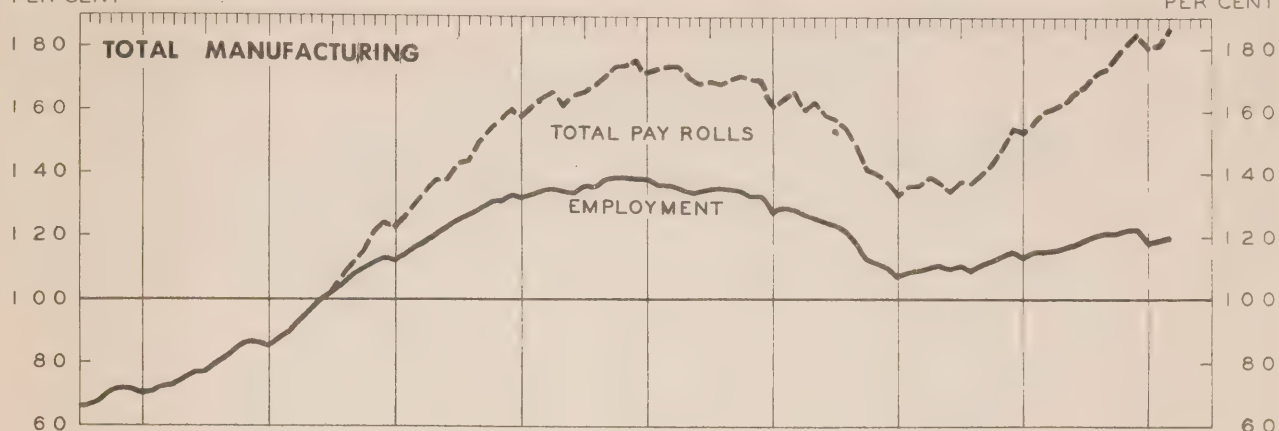


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

JUNE 1941=100

PER CENT

PER CENT

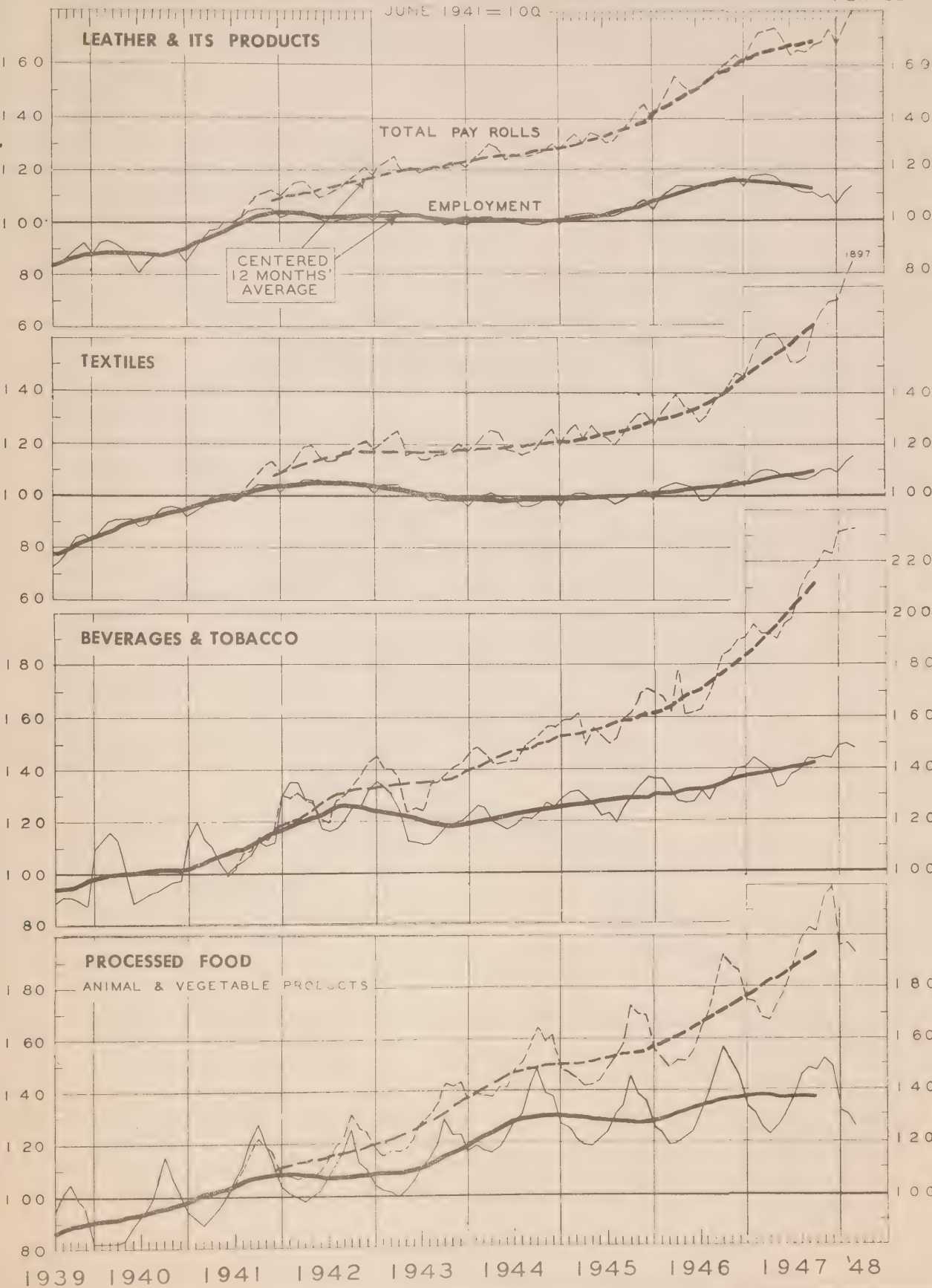


'39 1940 1941 1942 1943 1944 1945 1946 1947 '48

"DURABLE GOODS" INCLUDES IRON AND STEEL, NON-FERROUS METALS, ELECTRICAL APPARATUS, LUMBER AND CLAY, GLASS AND STONE PRODUCTS. THE REMAINDER, "NON-DURABLE GOODS" INCLUDES TEXTILES, FOOD, BEVERAGES, TOBACCO, RUBBER, LEATHER, CHEMICALS AND FUELS.

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

PER CENT MAJOR GROUPS - NON-DURABLE GOODS I PER CENT



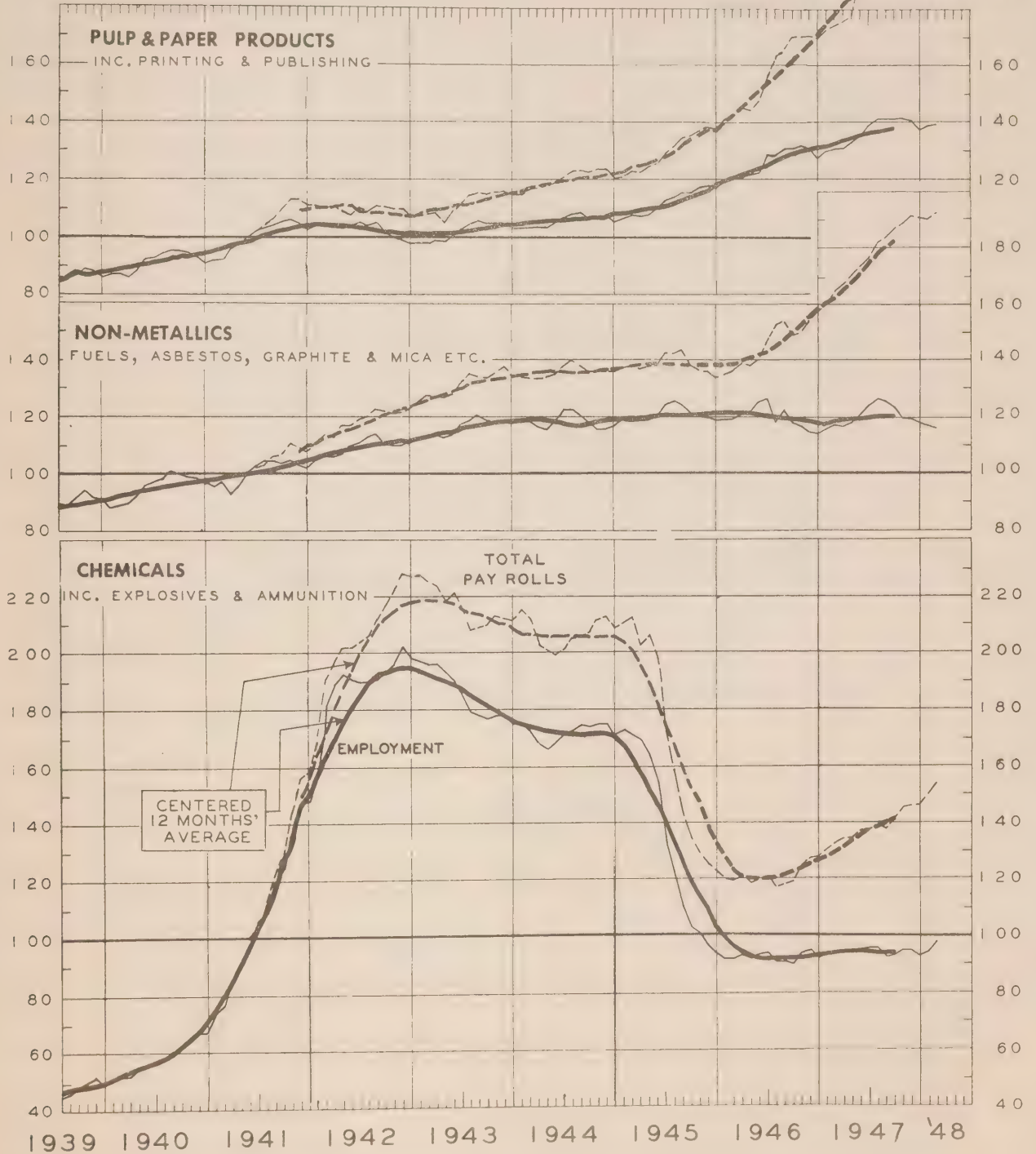
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

MAJOR GROUPS - NON-DURABLE GOODS II

JUNE 1941=100

PER CENT

PER CENT

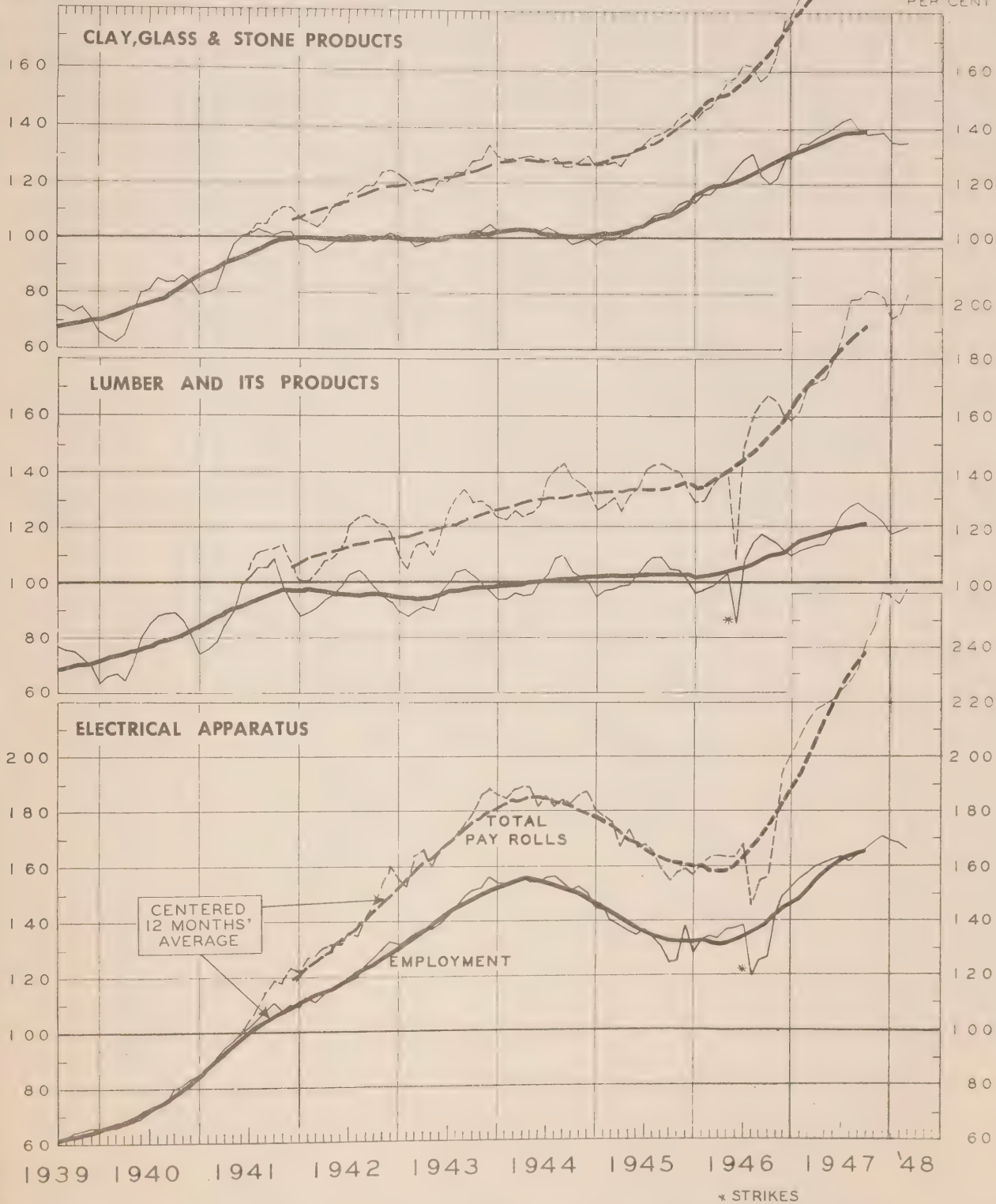


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING MAJOR GROUPS - DURABLE GOODS II

JUNE 1941=100

PER CENT

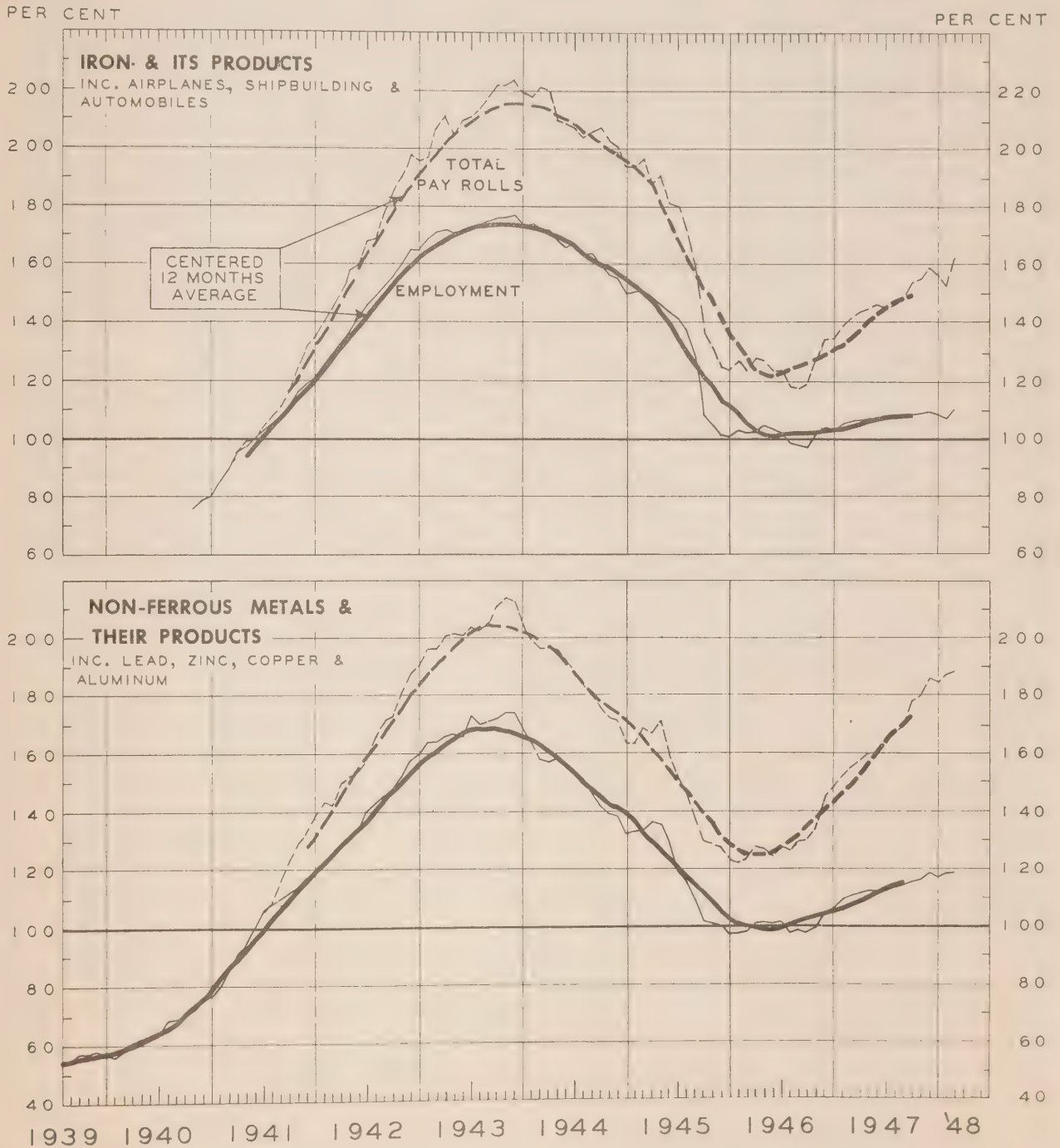
PER CENT



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

MAJOR GROUPS - DURABLE GOODS I

JUNE 1941=100

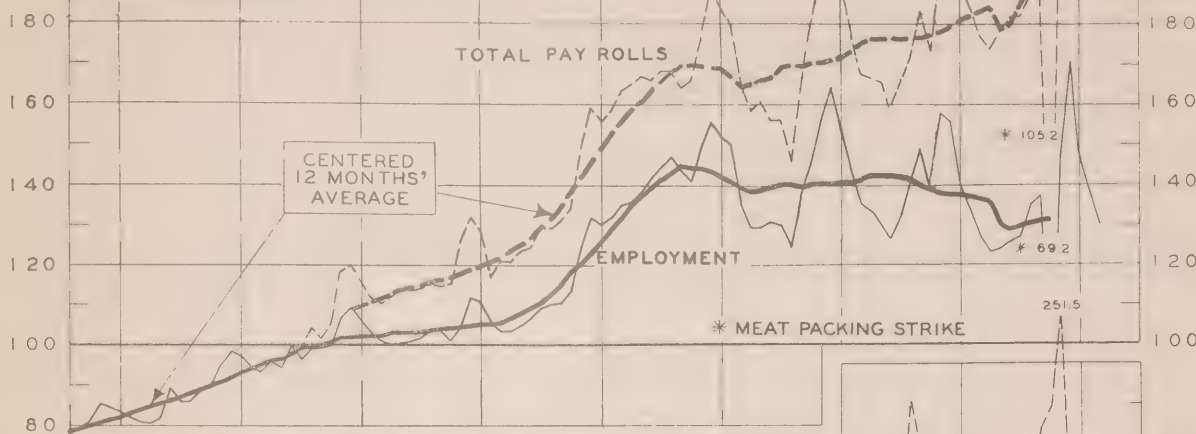


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

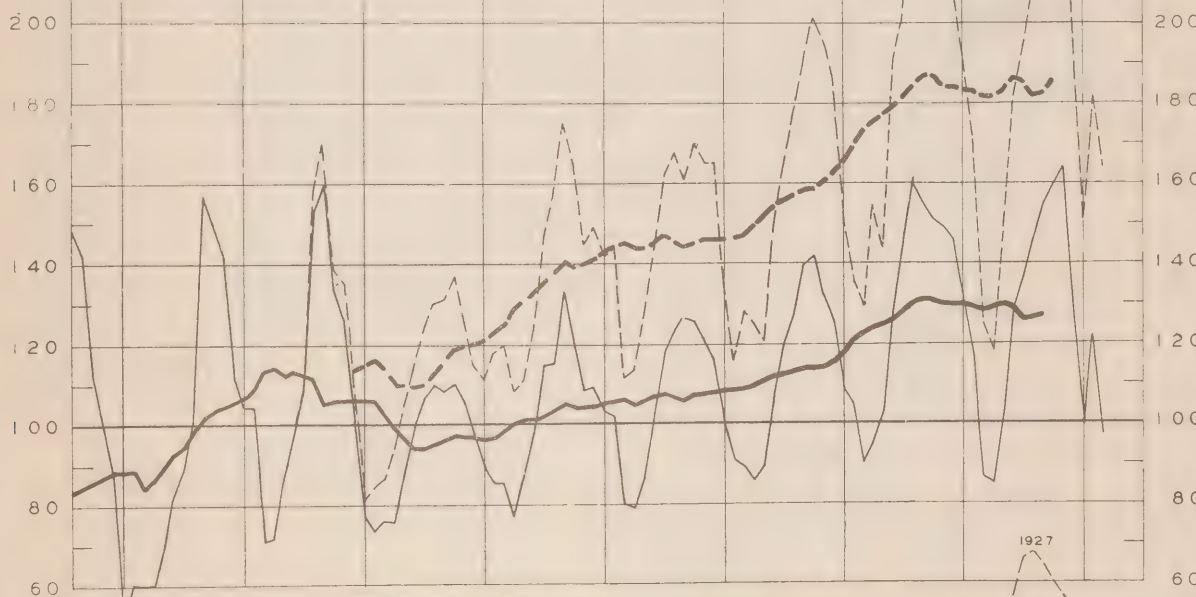
EDIBLE ANIMAL PRODUCTS

PER CENT JUNE 1941=100 PER CENT

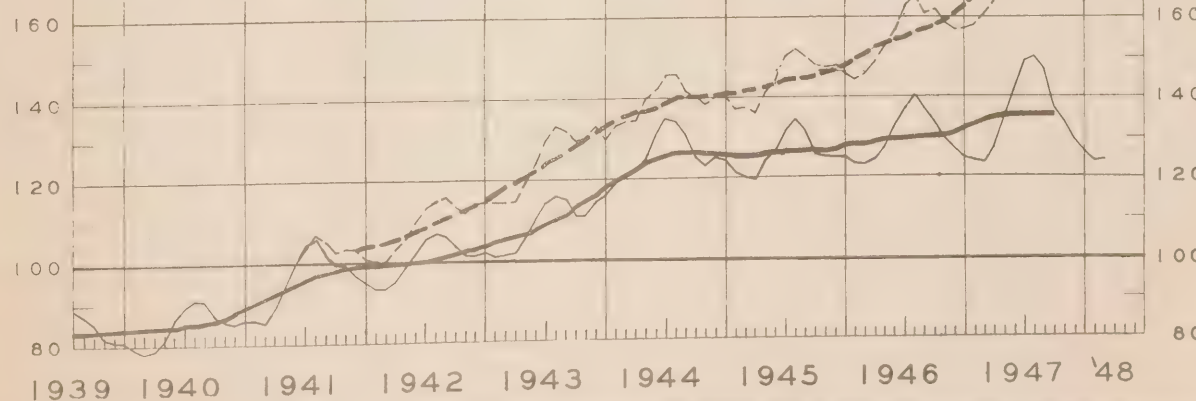
MEAT PRODUCTS



FISH PROCESSING & CANNING



DAIRY PRODUCTS



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

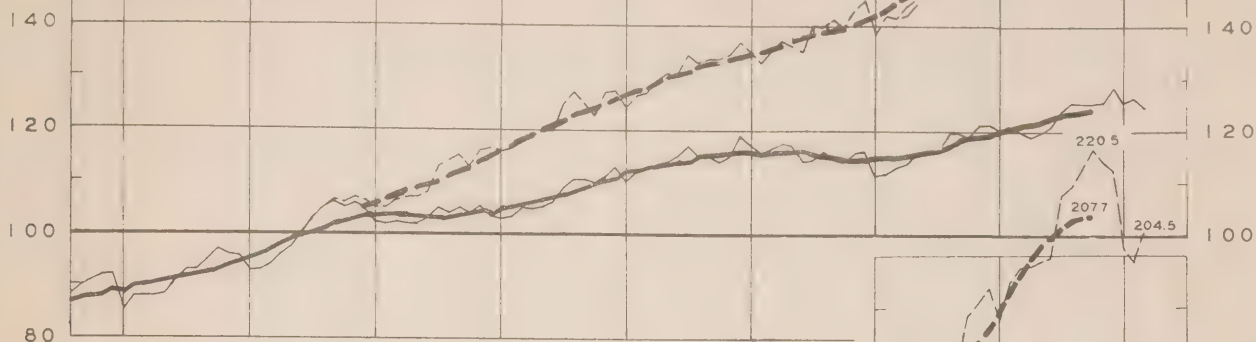
EDIBLE PLANT PRODUCTS

PER CENT

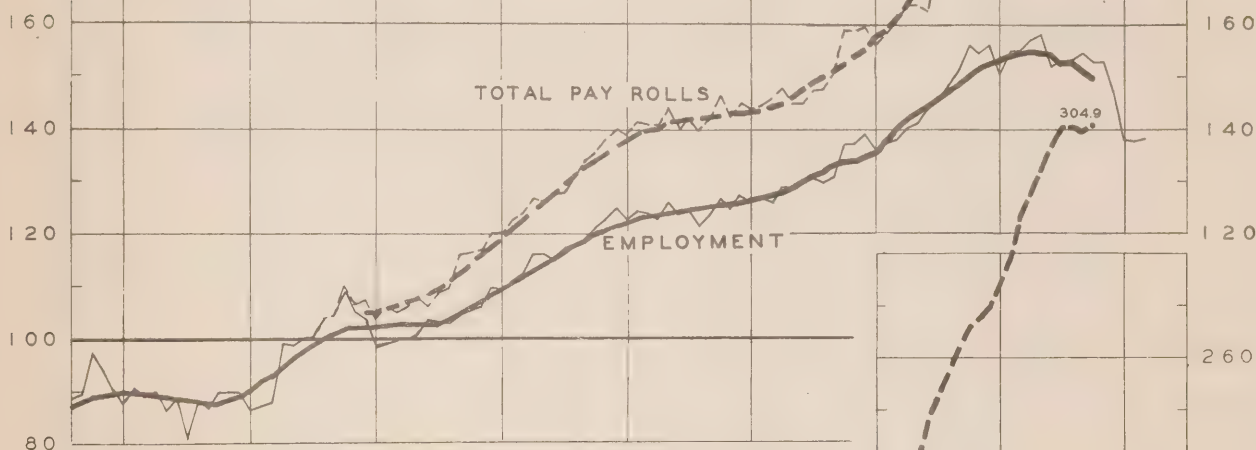
JUNE 1941=100

PER CENT

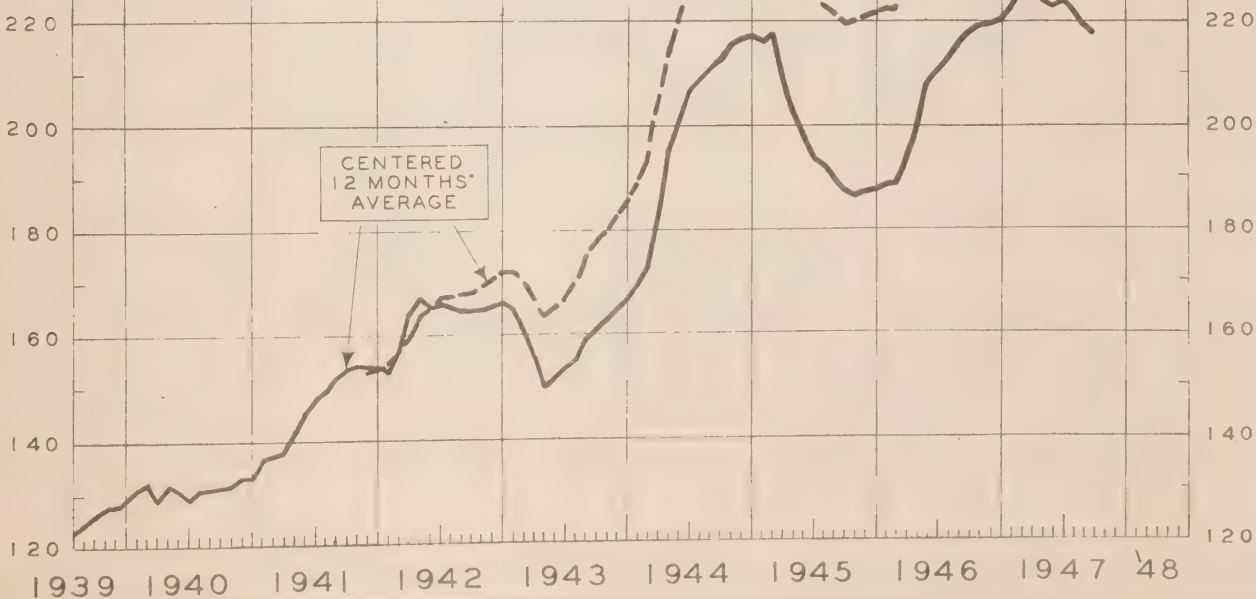
BREAD & BAKERY PRODUCTS



FLOUR



FRUIT & VEGETABLE PRESERVING

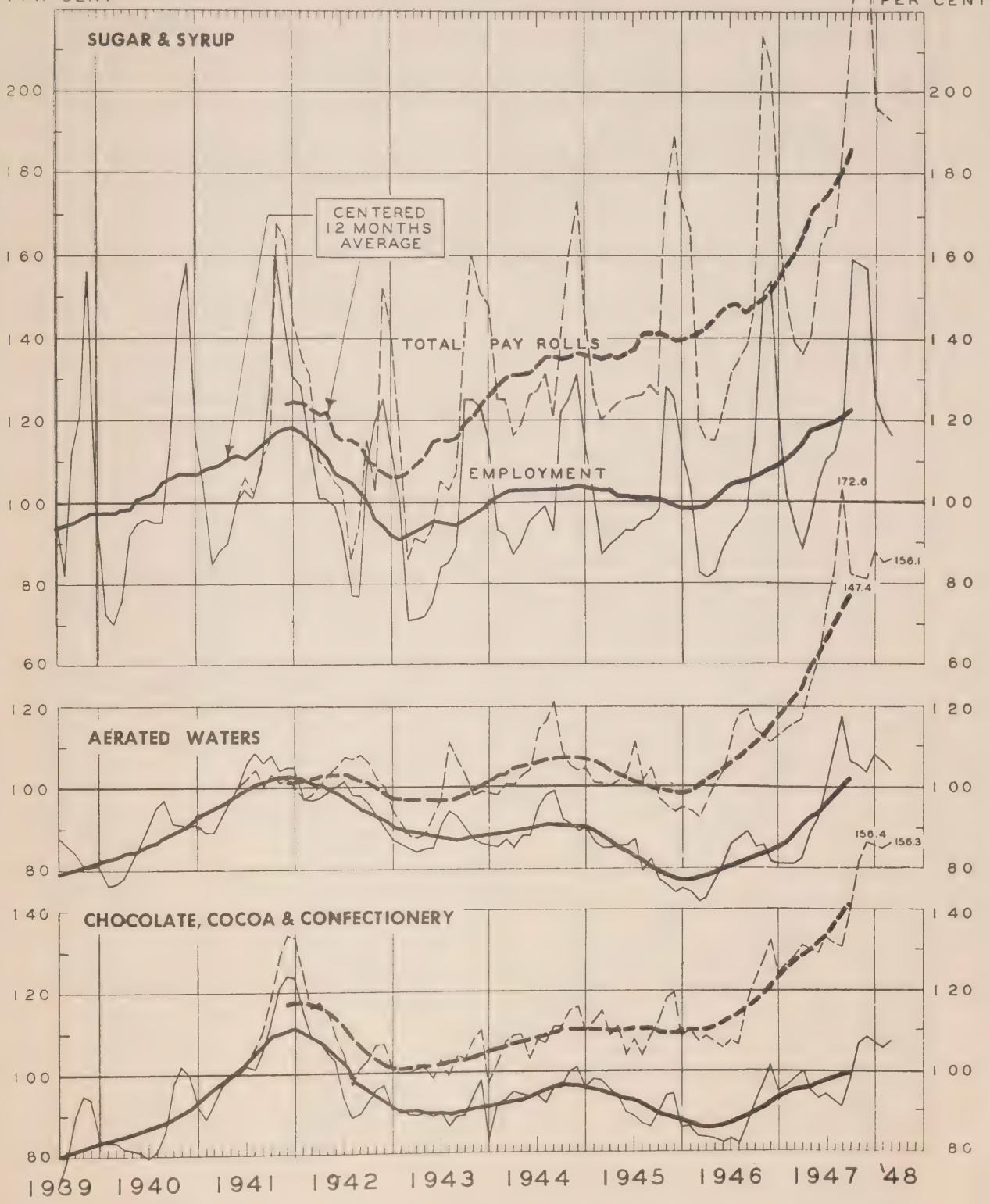


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

CONFECTIONERY

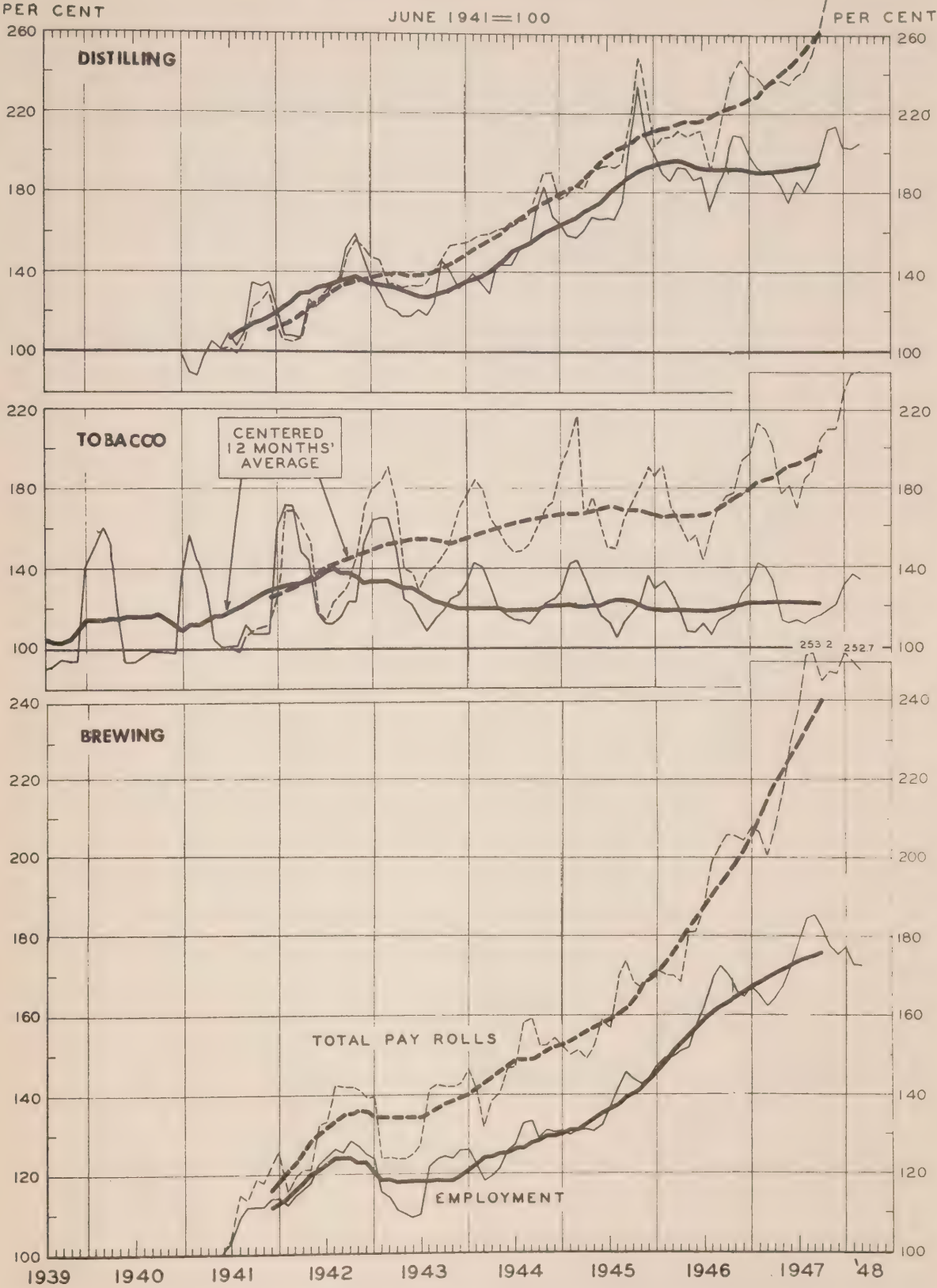
JUNE 1941=100

PER CENT



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

BEVERAGES & TOBACCO



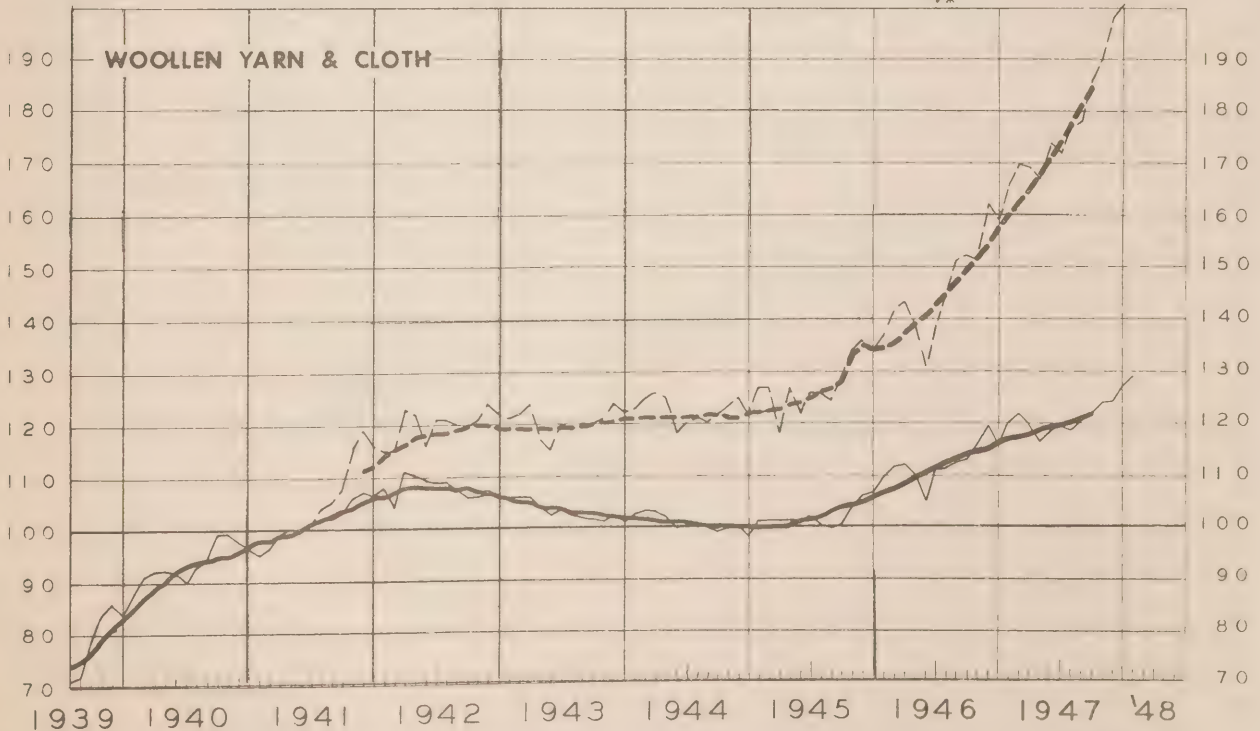
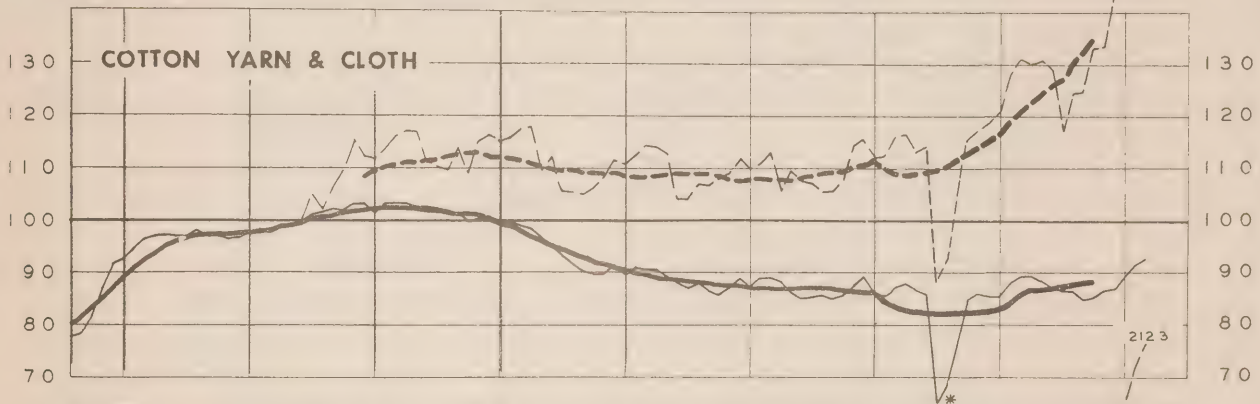
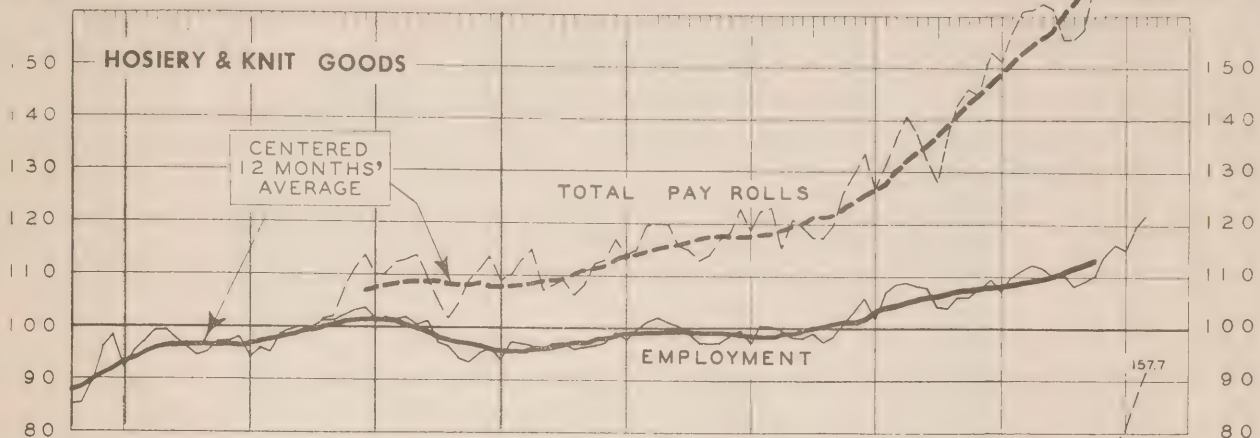


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING TEXTILES

JUNE 1941=100

PER CENT

PER CENT

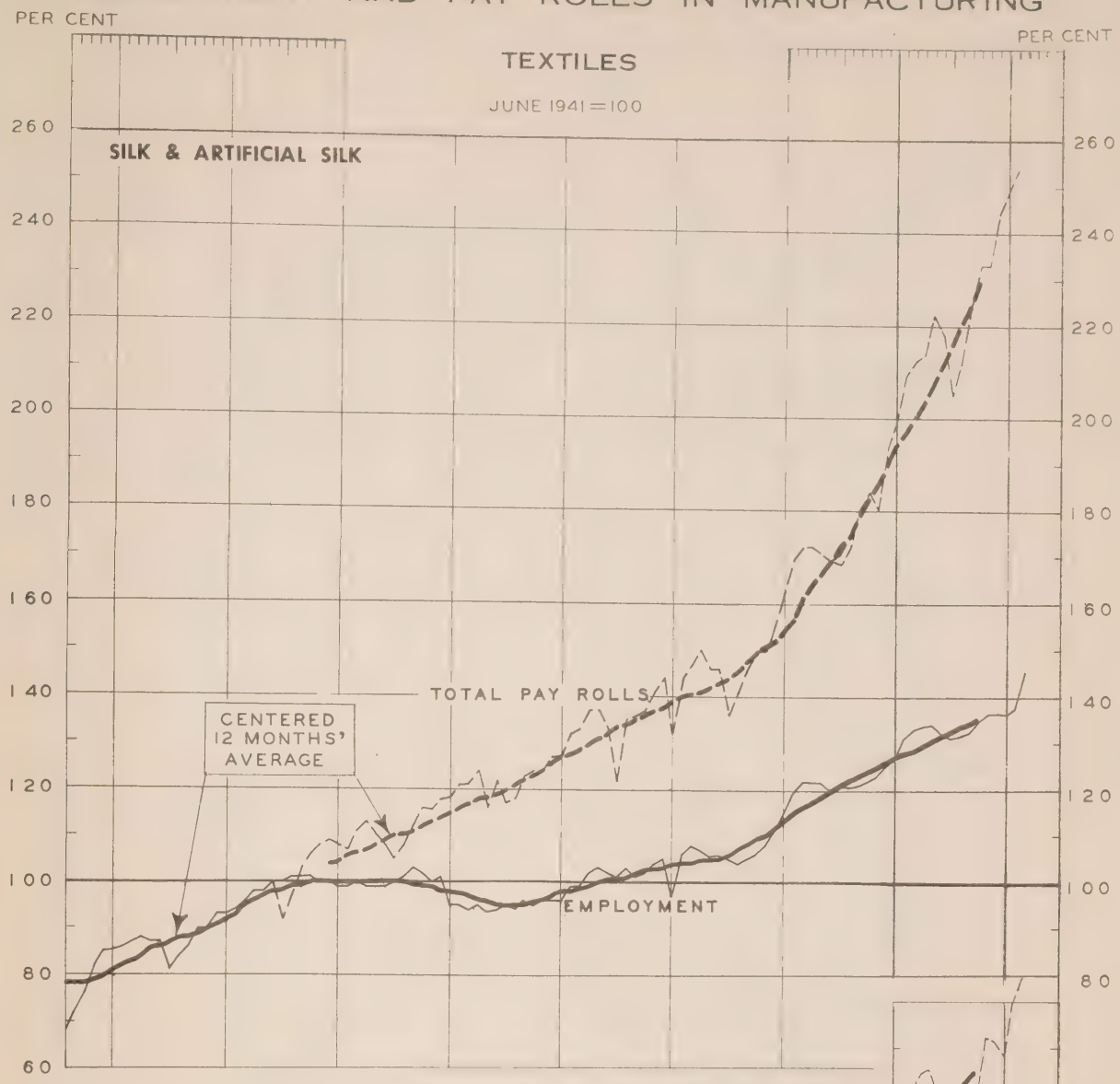


* STRIKE

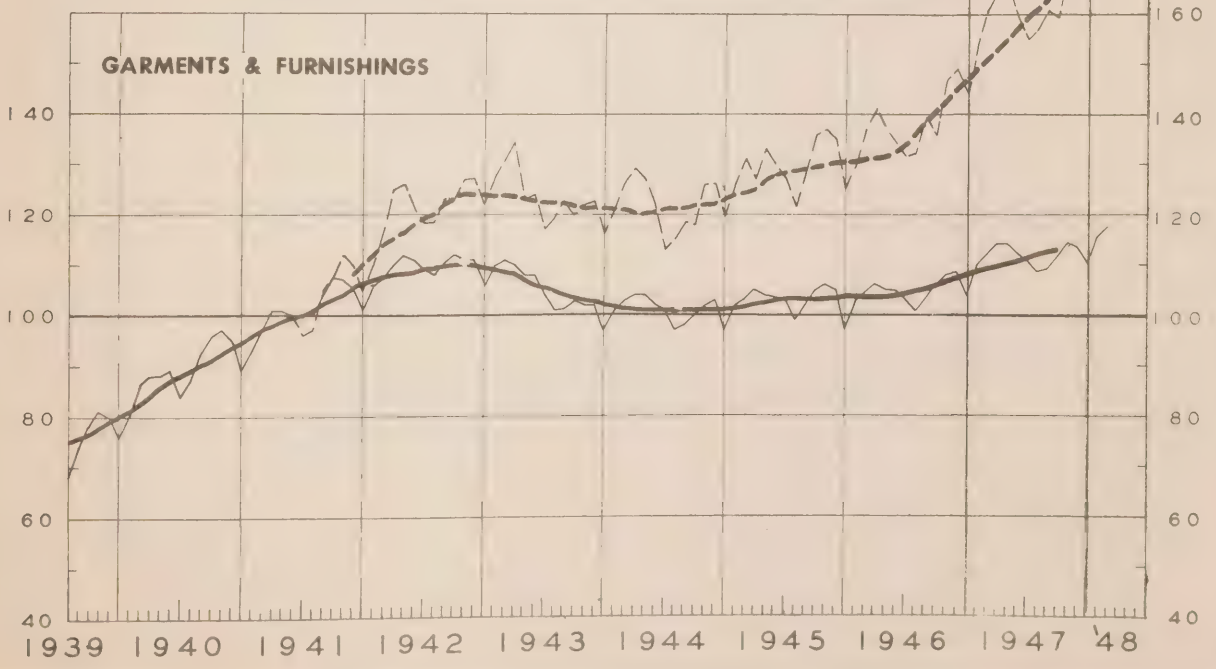
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

TEXTILES

JUNE 1941=100



GARMENTS & FURNISHINGS



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING LEATHER



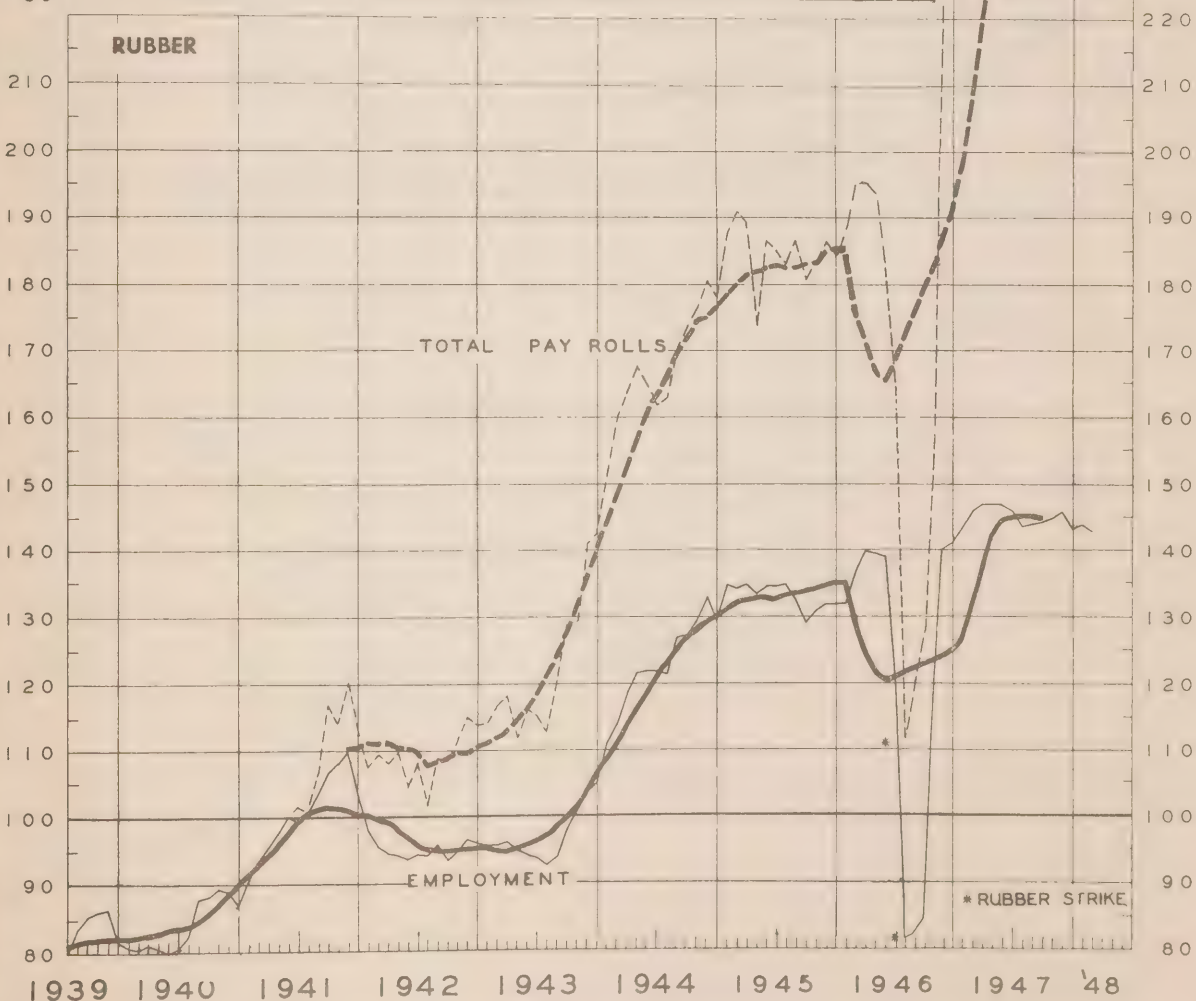
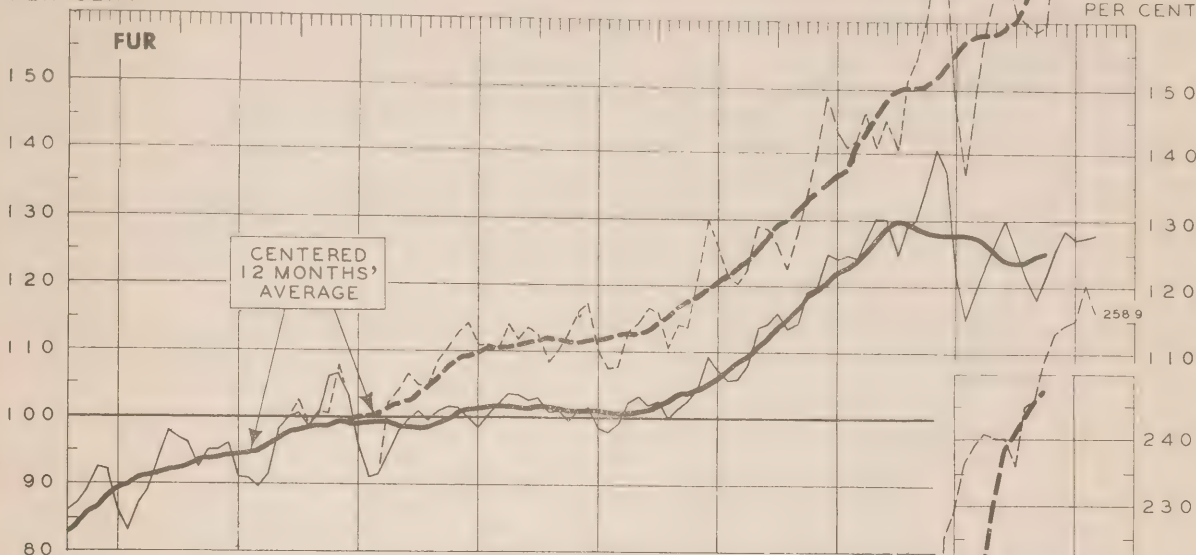
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

FUR AND RUBBER

JUNE 1941=100

PER CENT

PER CENT

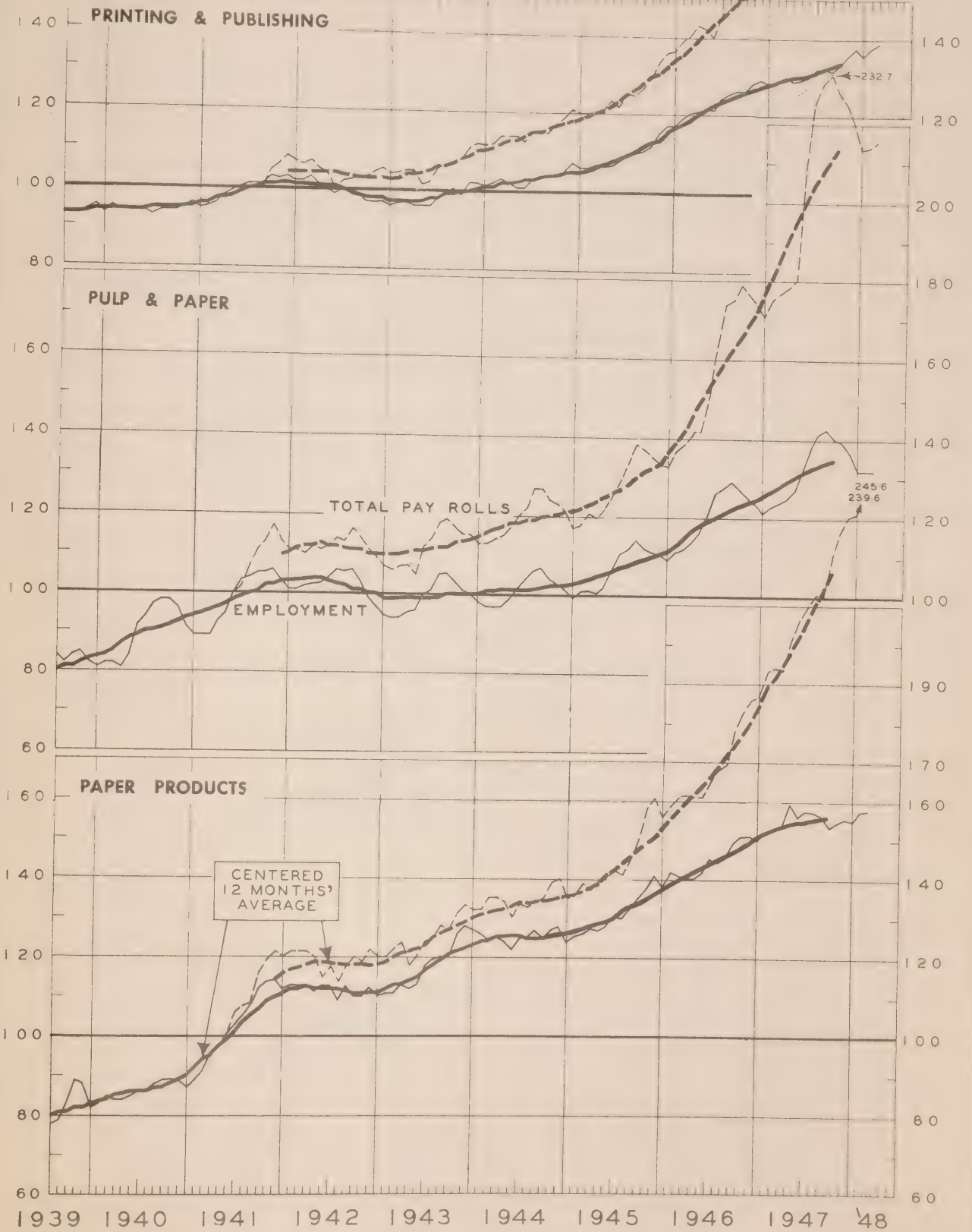


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING PAPER

PER CENT

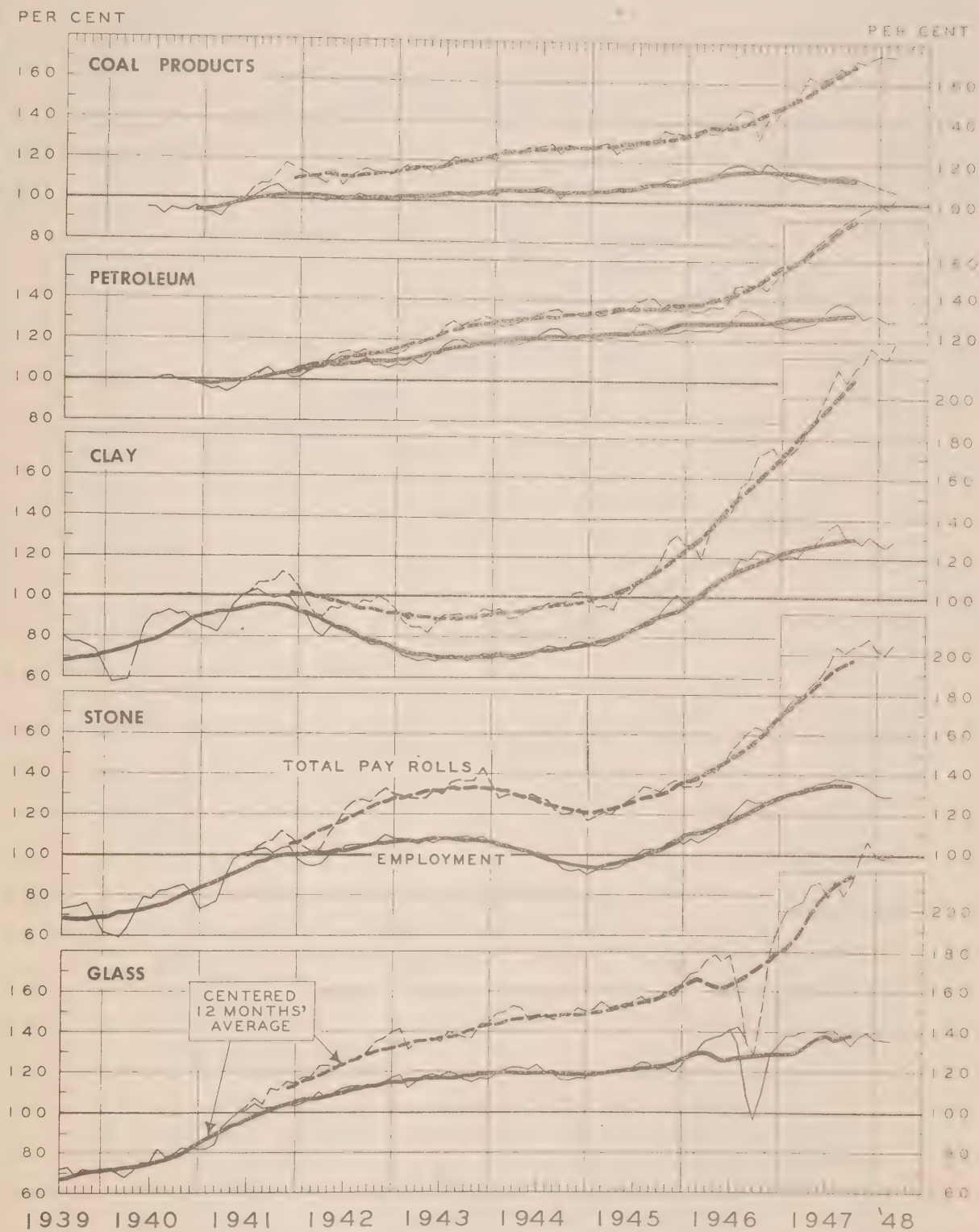
JUNE 1941=100

PER CENT



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING NON-METALLIC MINERALS

JUNE 1941=100



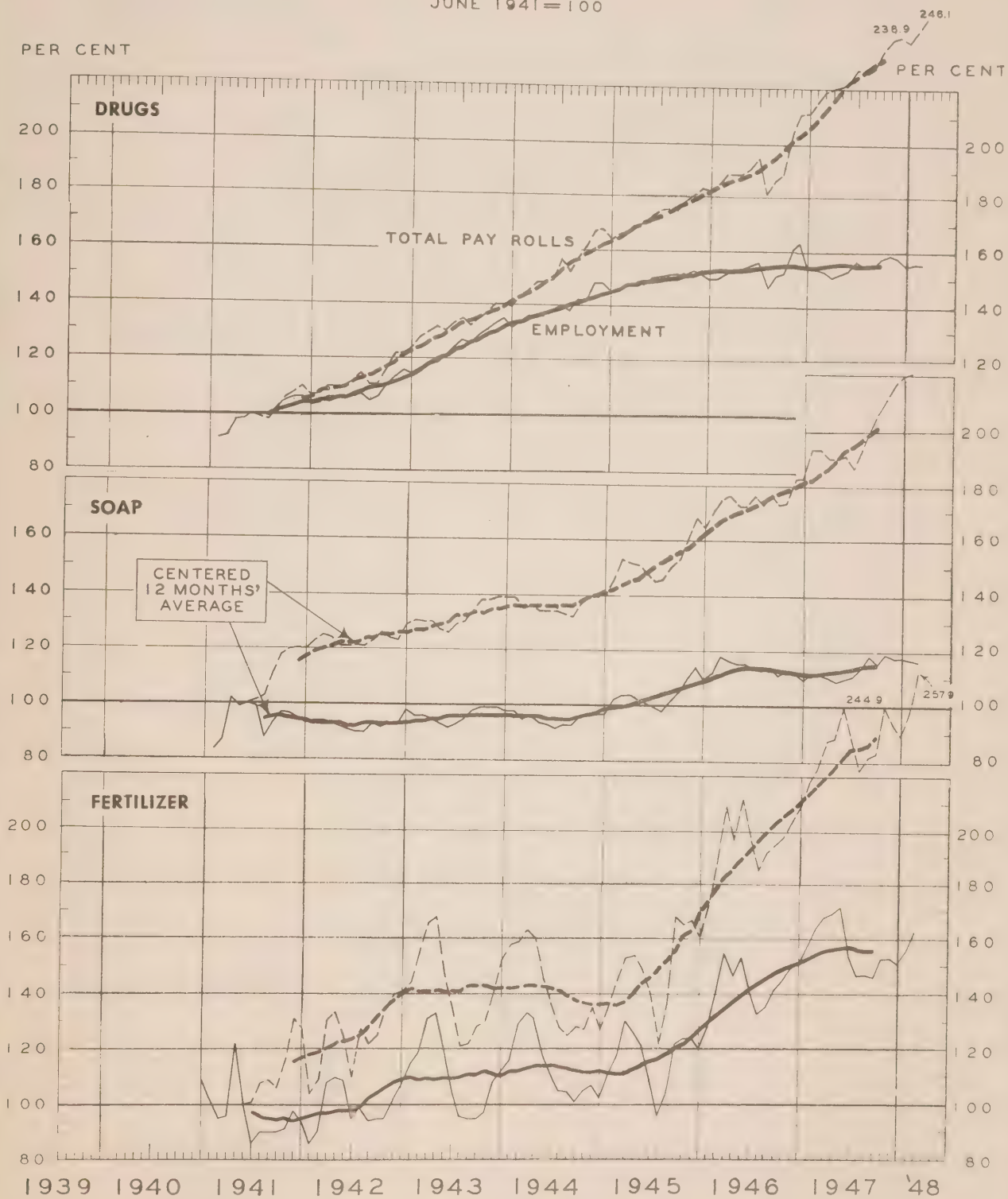
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

CHEMICALS I

JUNE 1941=100

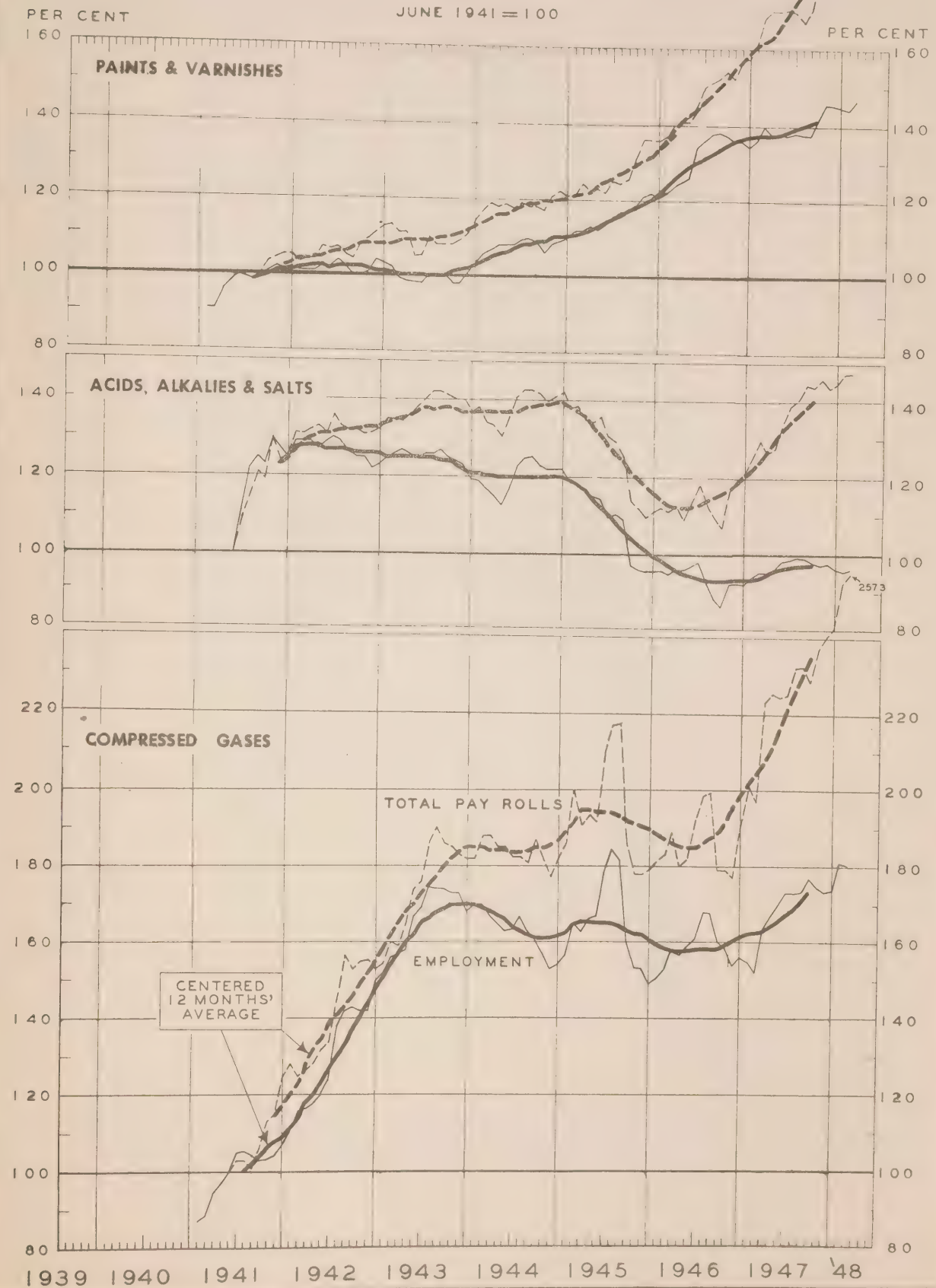
PER CENT

PER CENT



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

CHEMICALS II

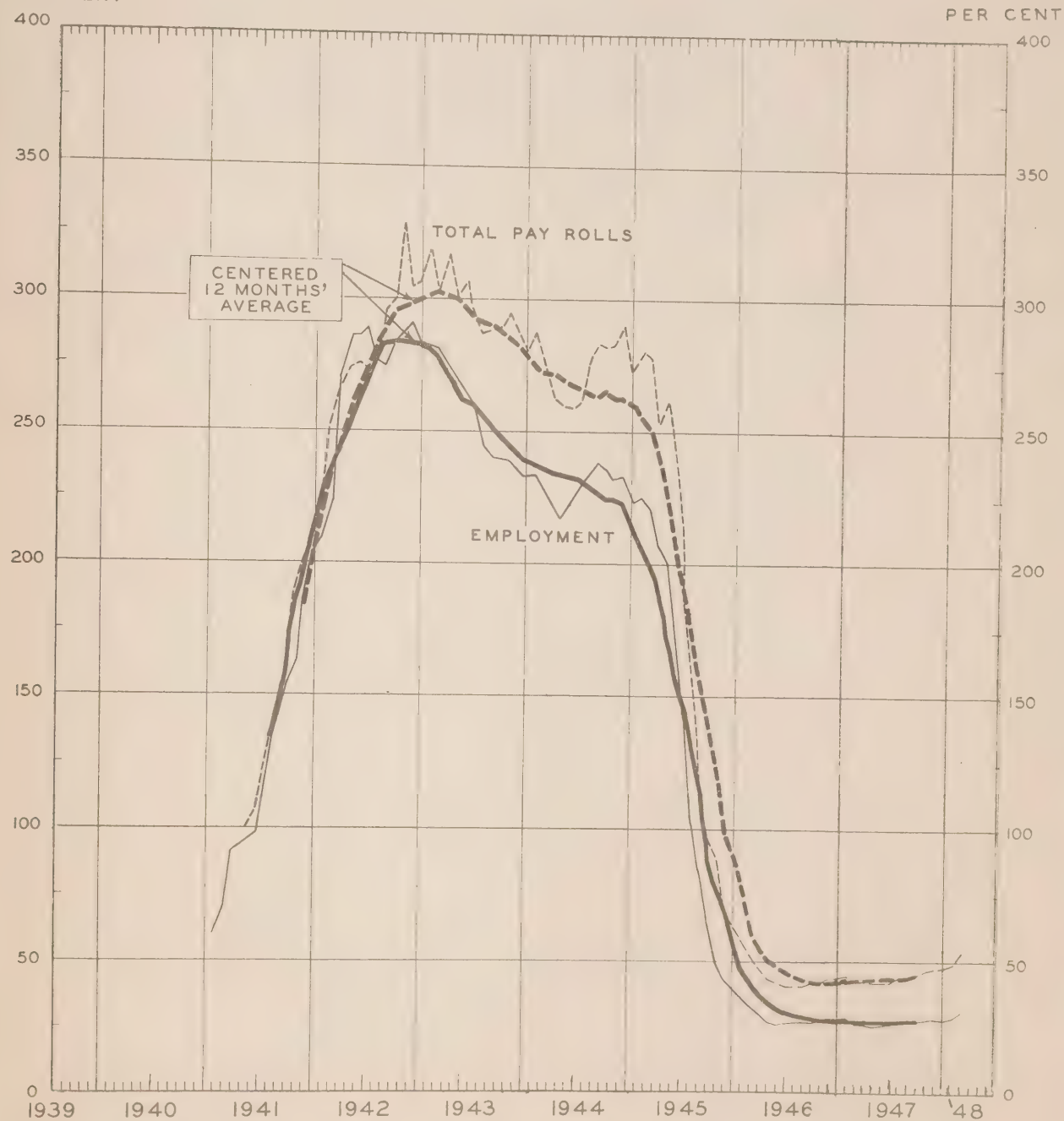


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING EXPLOSIVES

JUNE 1941=100

PER CENT

PER CENT

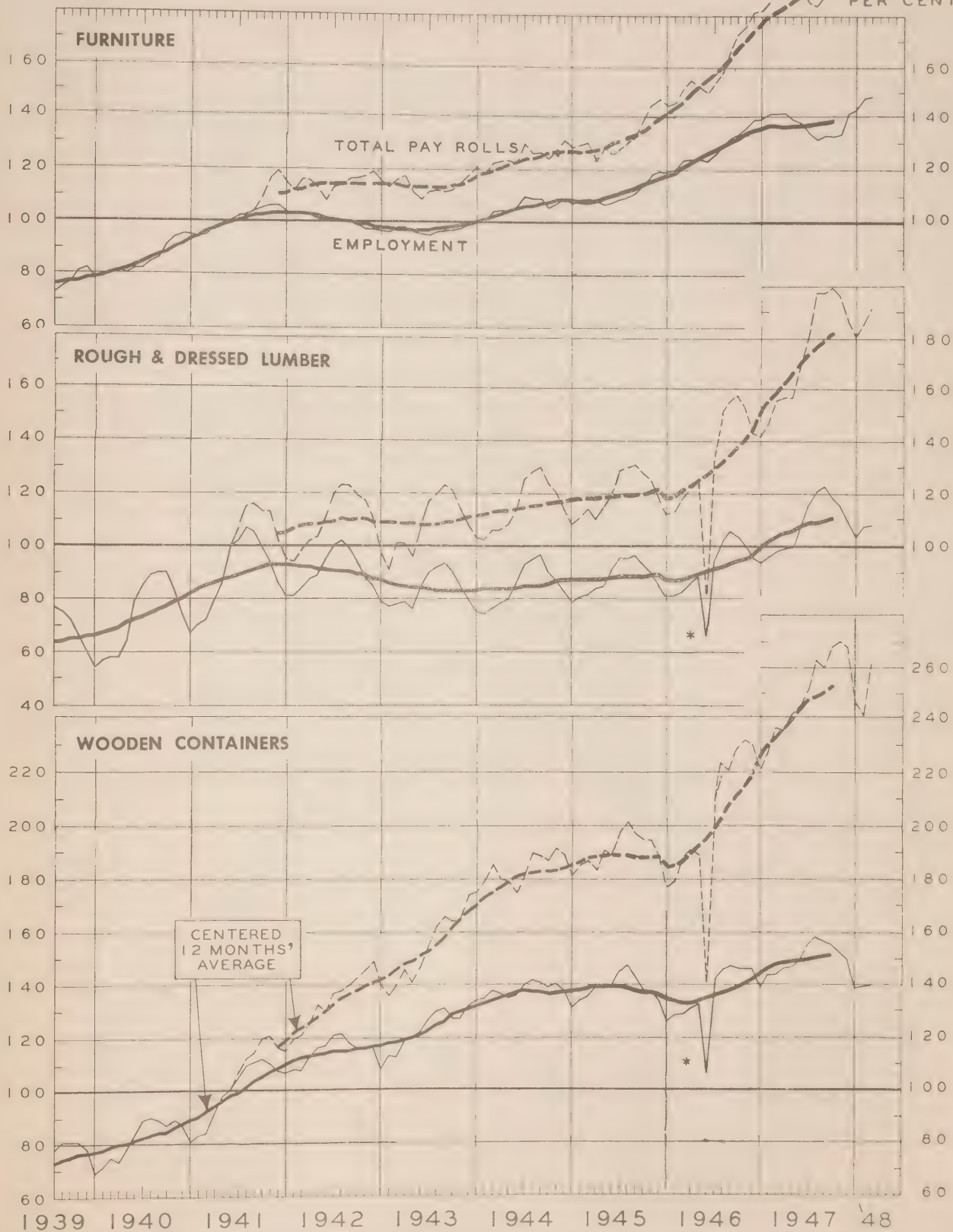


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING WOOD

PER CENT

JUNE 1941=100

PER CENT

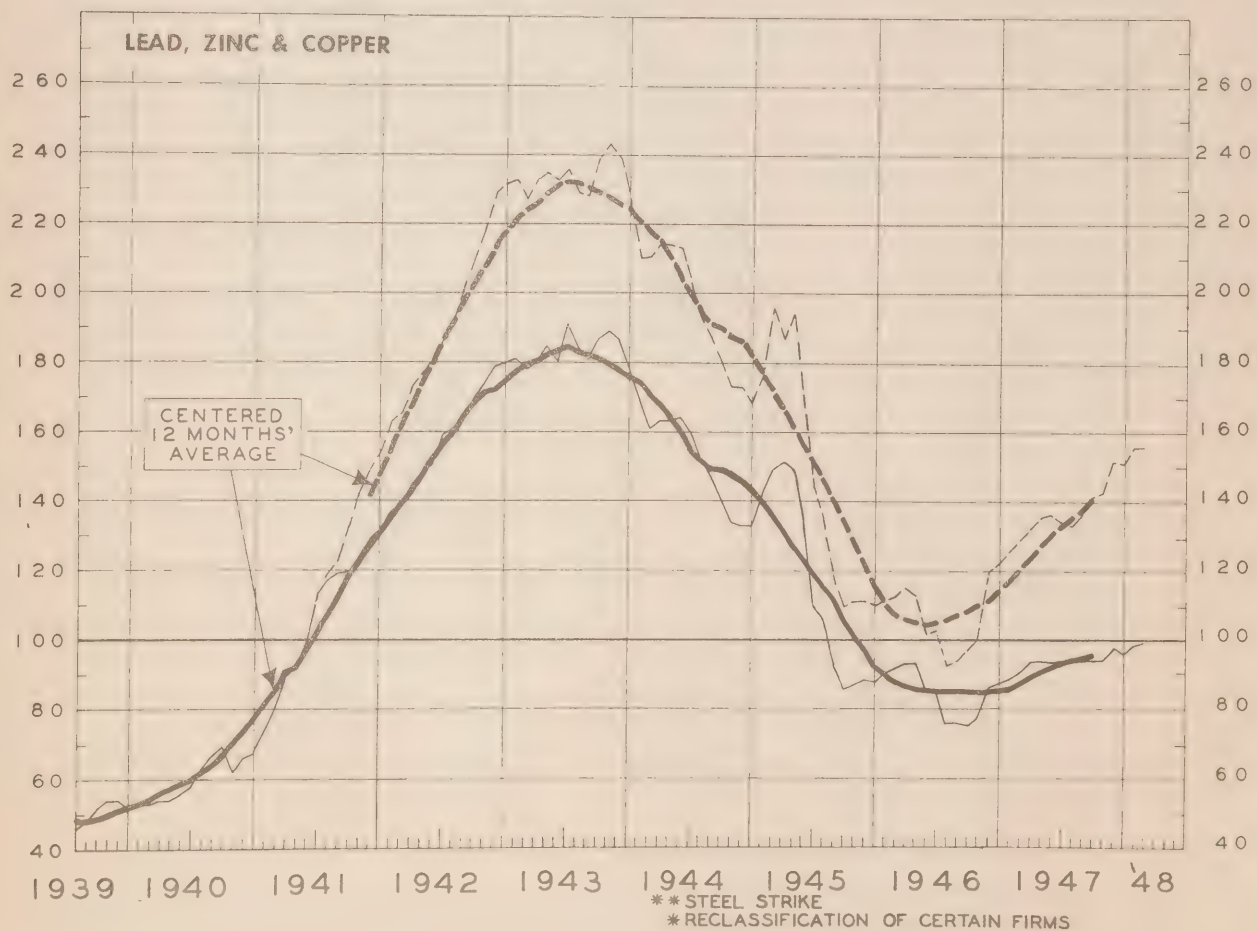
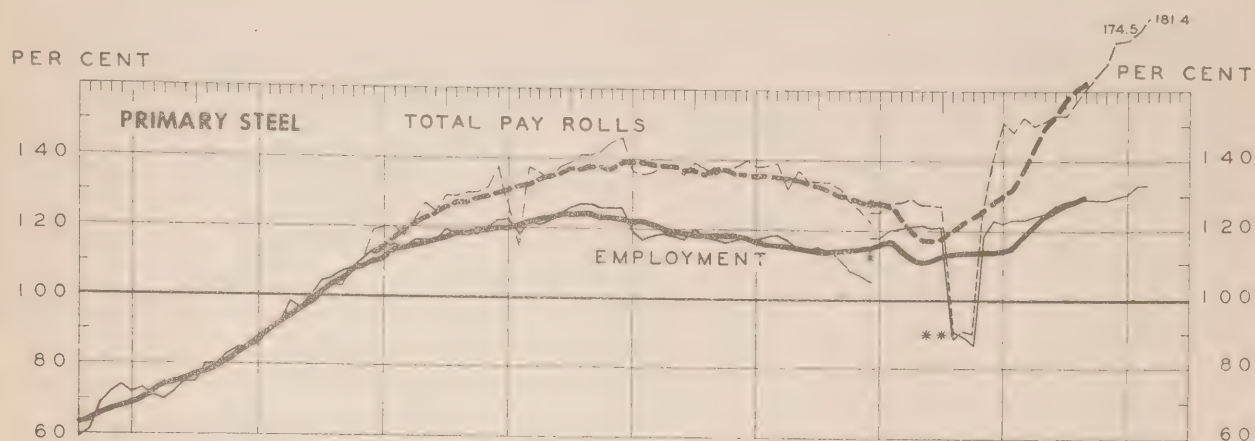


* LUMBER STRIKE IN B.C.

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

PRIMARY METALS I

JUNE 1941=100



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING PRIMARY METALS II

JUNE 1941=100

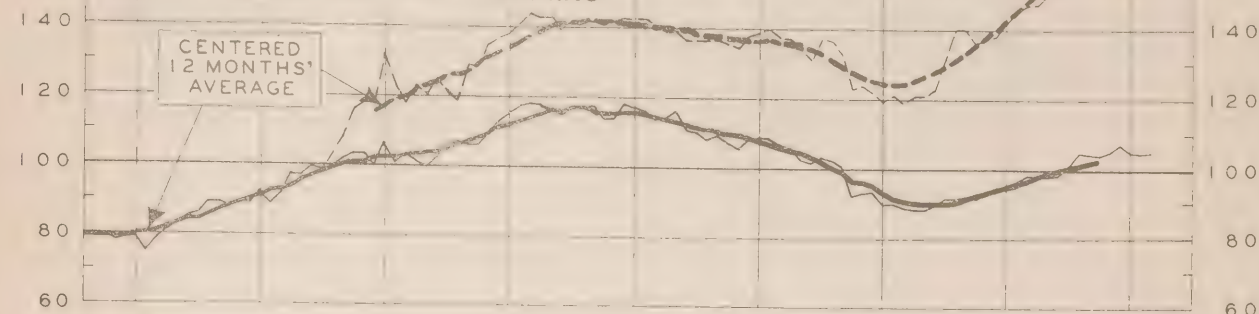
PER CENT

183.6

PER CENT

NON-FERROUS SMELTING & REFINING

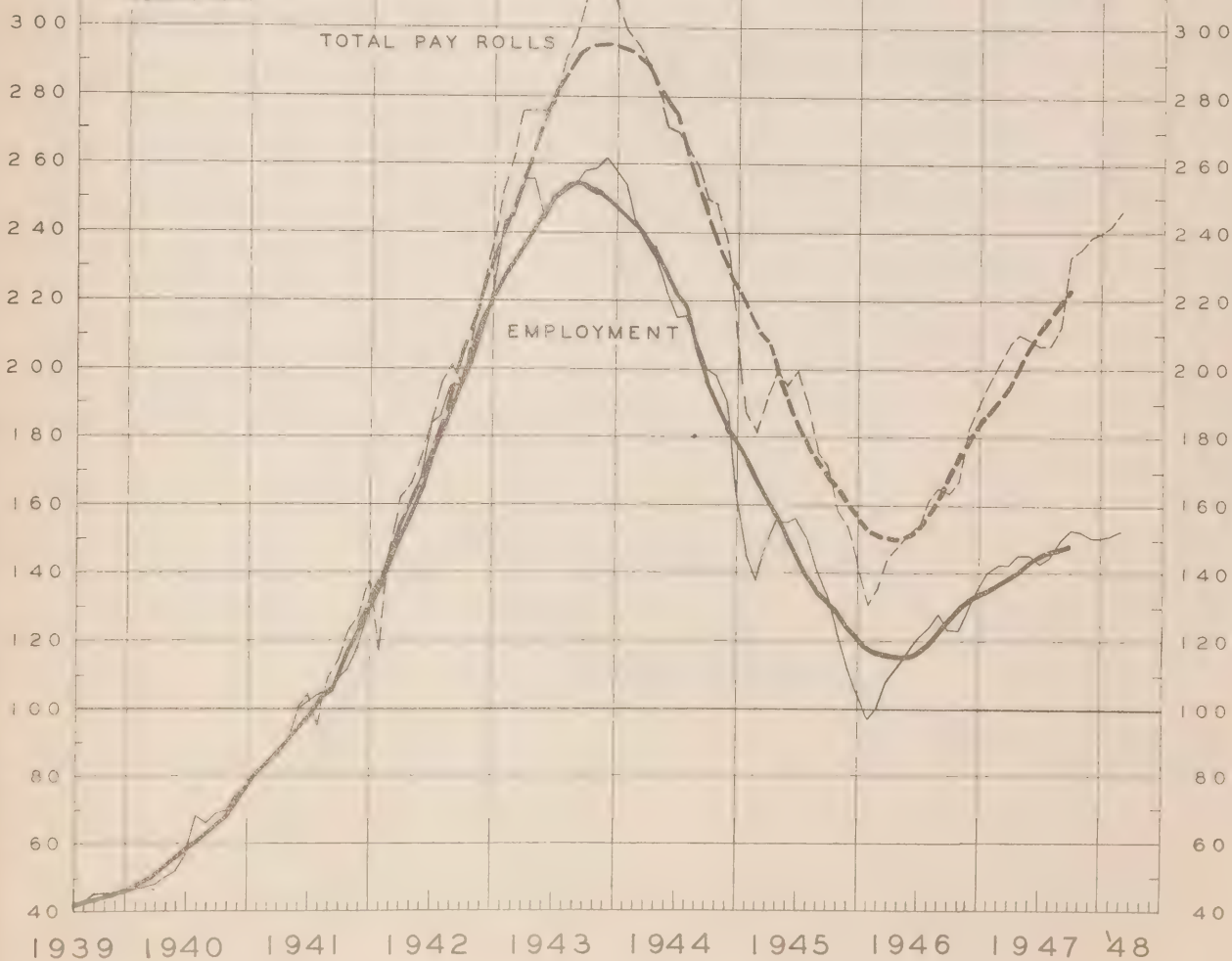
CENTERED
12 MONTHS'
AVERAGE



ALUMINUM

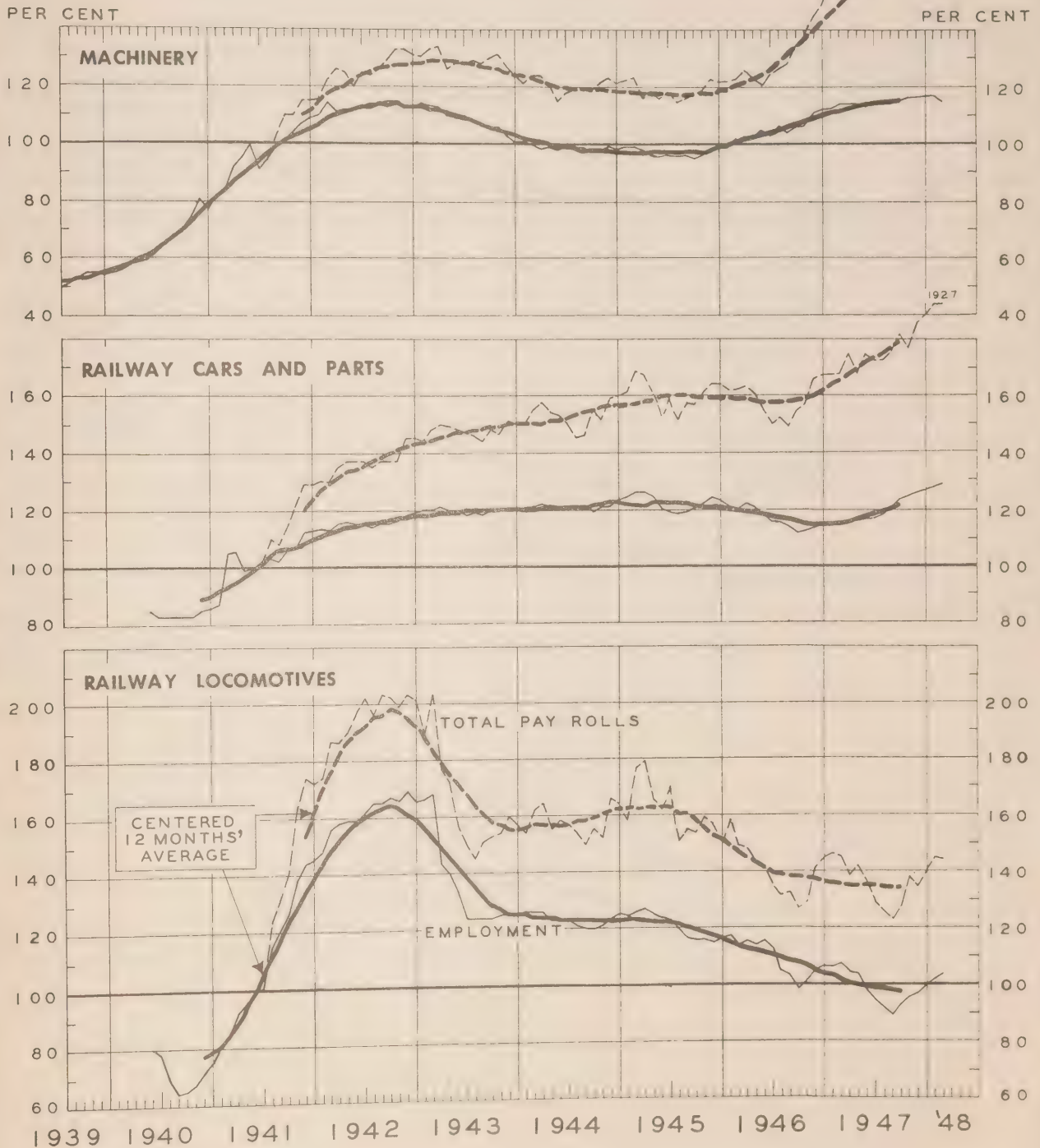
TOTAL PAY ROLLS

EMPLOYMENT



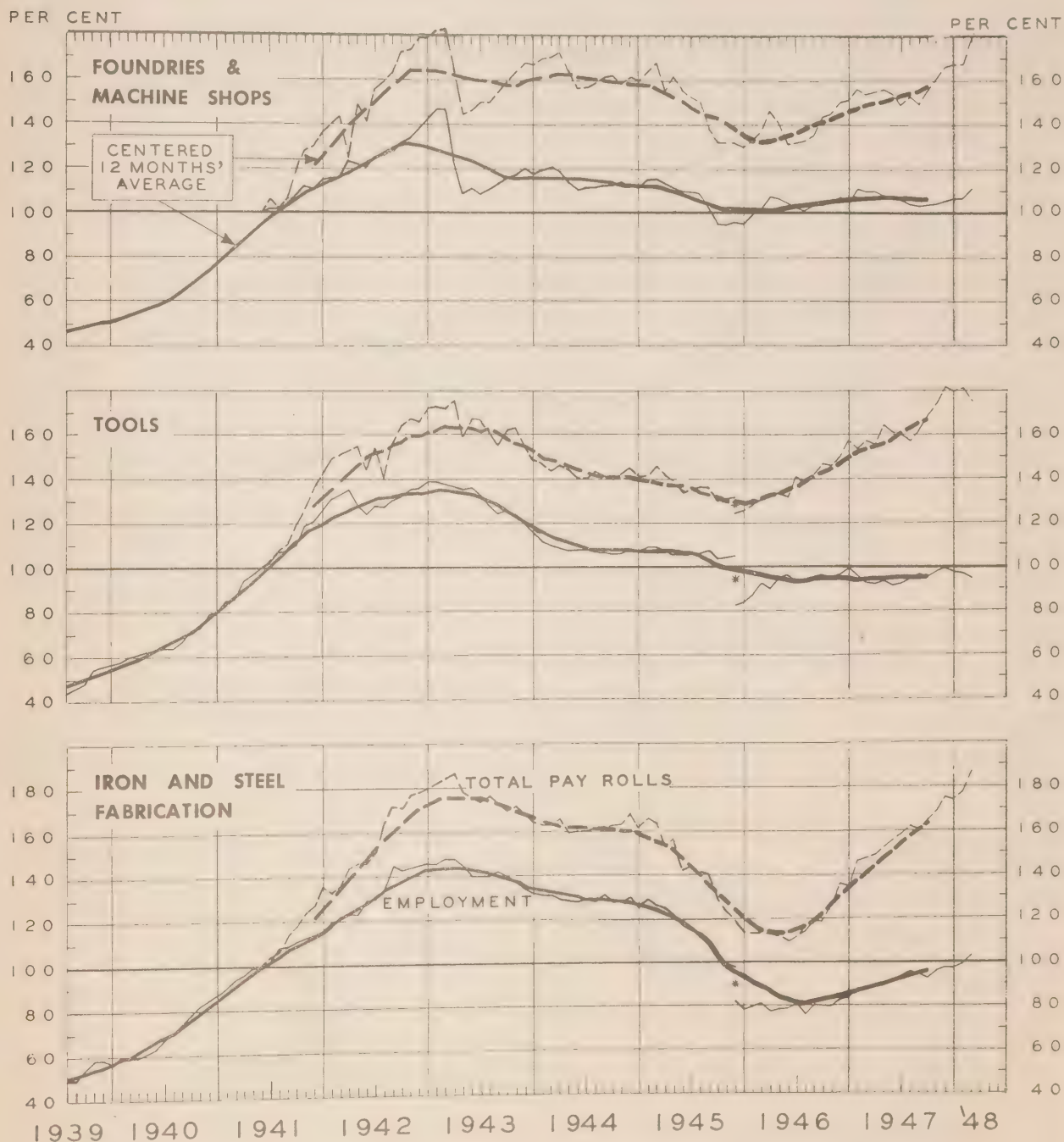
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING IRON & STEEL I

JUNE 1941=100



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING IRON & STEEL II

JUNE 1941=100



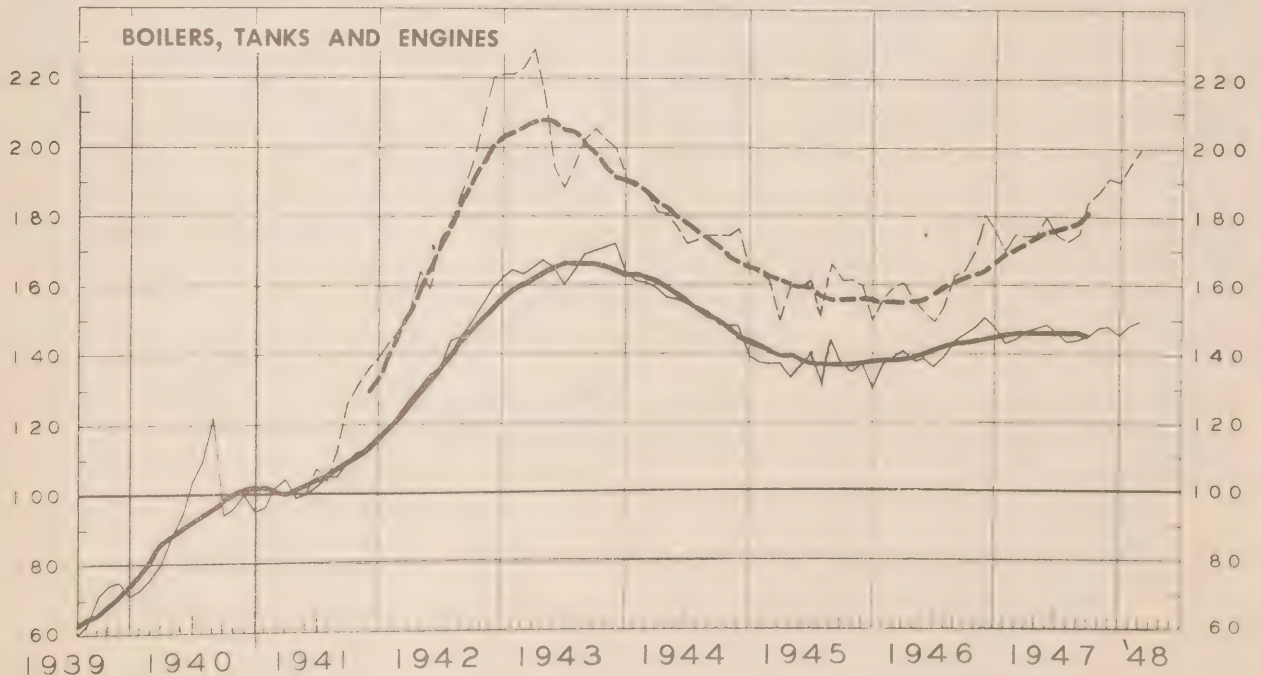
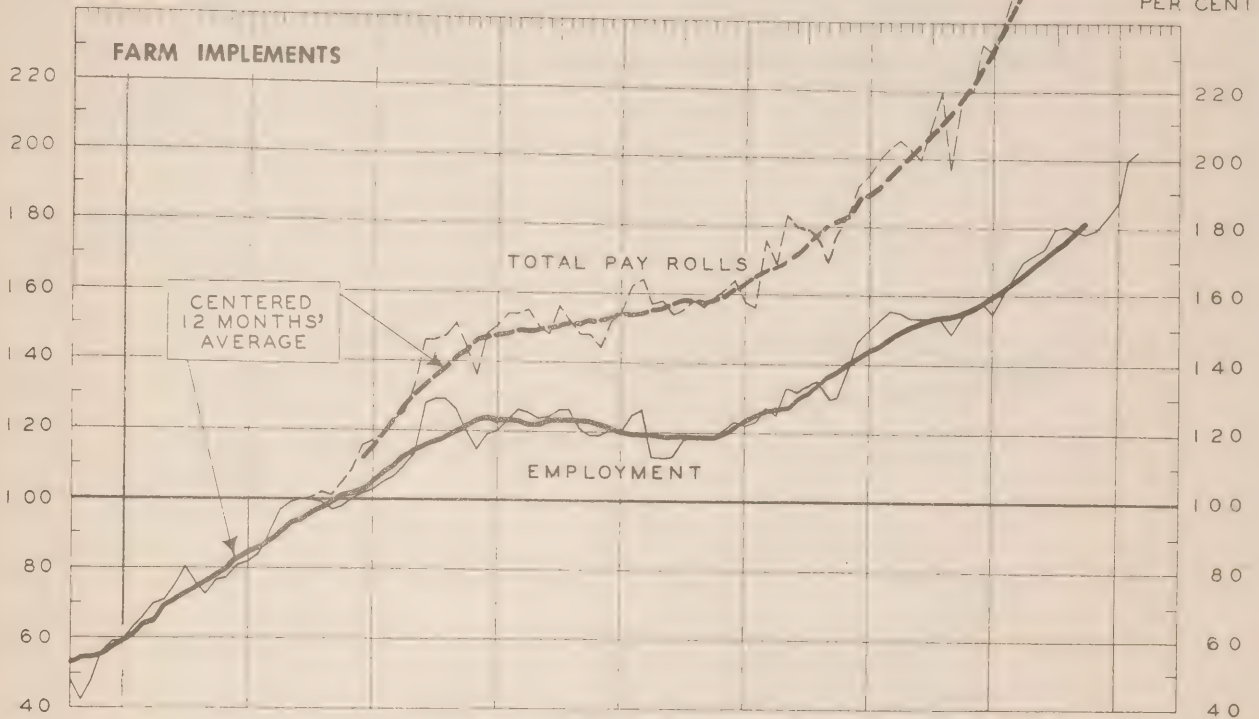
* RECLASSIFICATION FOR CERTAIN FIRMS

EMPLOYMENT AND PAY ROLLS IN MANUFACTURING IRON AND STEEL III

JUNE 1941=100

PER CENT

PER CENT

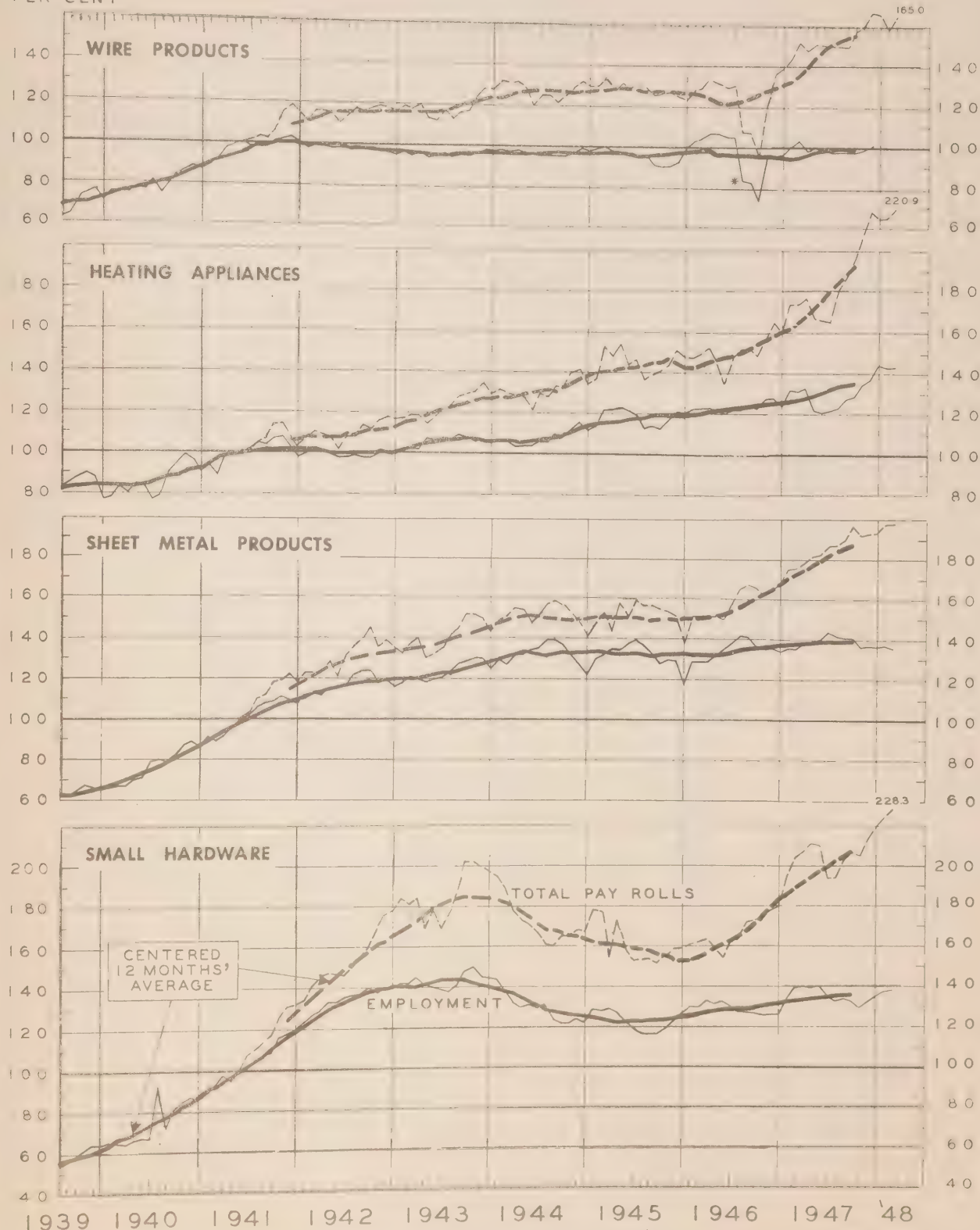


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING

IRON & STEEL IV

JUNE 1941=100

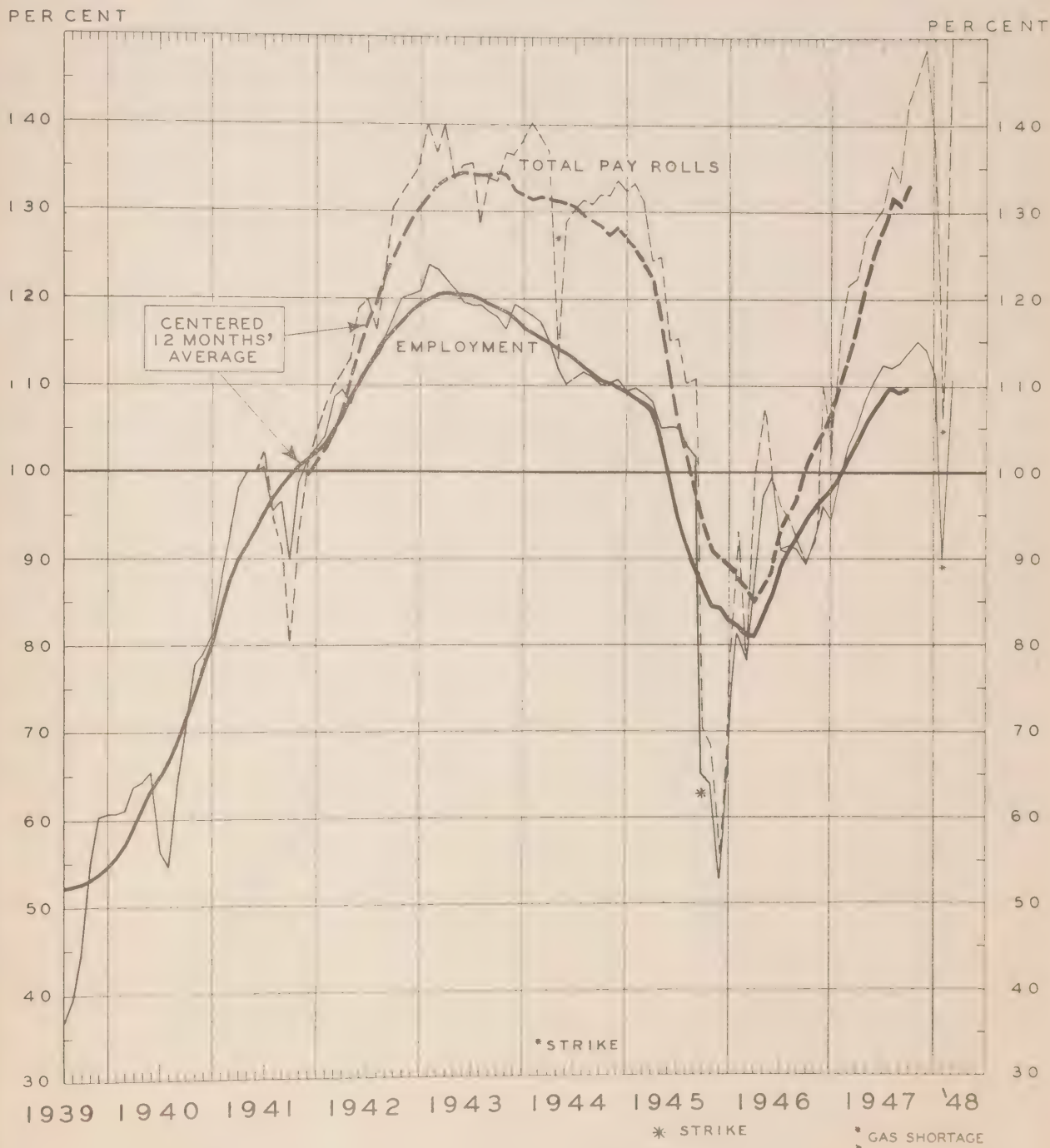
PER CENT



* STRIKE

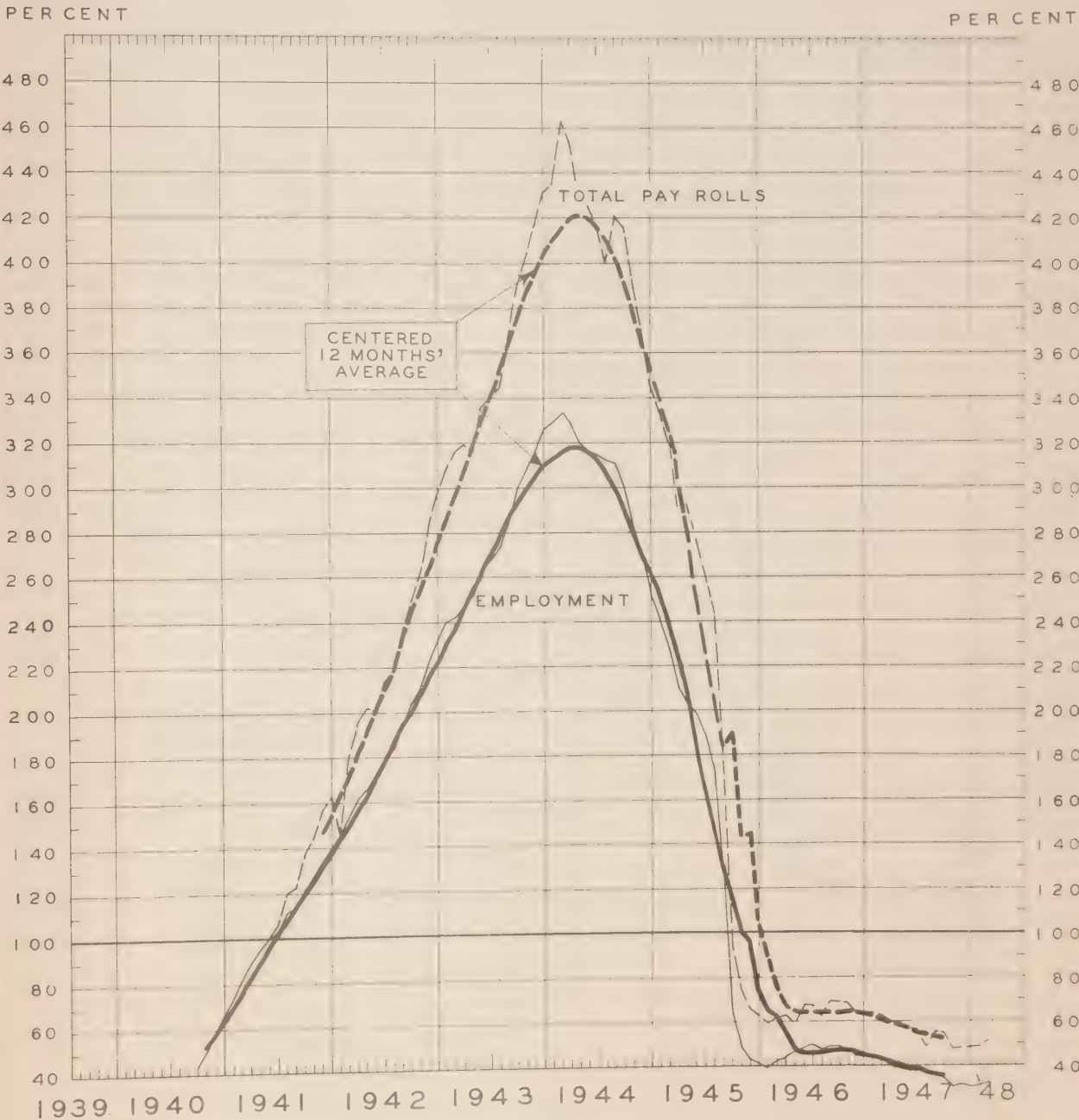
EMPLOYMENT AND PAY ROLLS IN MANUFACTURING AUTOMOBILES

JUNE 1941=100



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING AIRPLANES

JUNE 1941=100

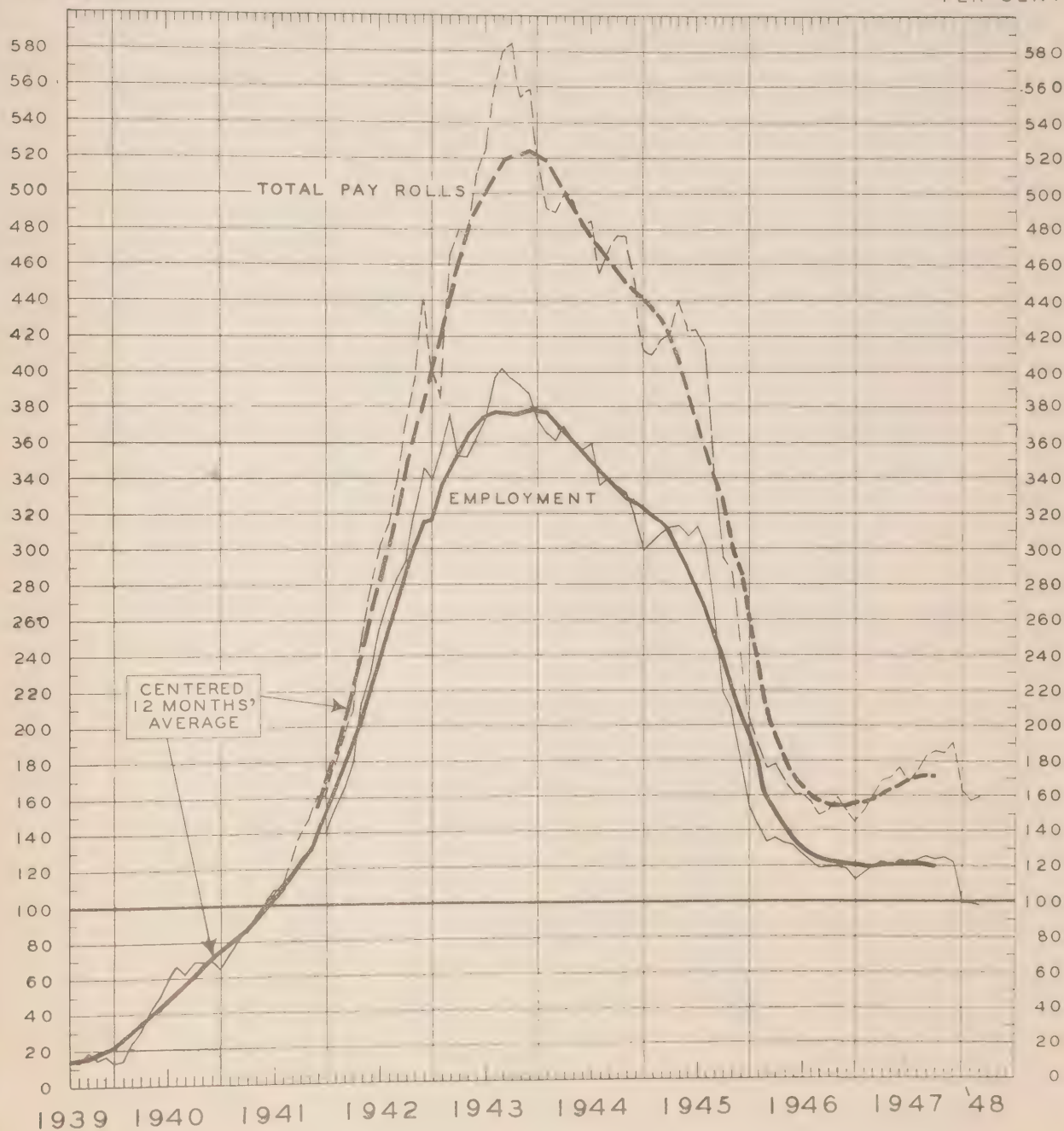


EMPLOYMENT AND PAY ROLLS IN MANUFACTURING SHIPBUILDING

JUNE 1941 = 100

PER CENT

PER CENT



EMPLOYMENT AND PAY ROLLS IN MANUFACTURING FIREARMS

JUNE 1941=100

PER CENT

PER CENT

